

Bird and Shrike Notes

from Aug. 1/90 to Apr 4/96.

Nest Dates 1894

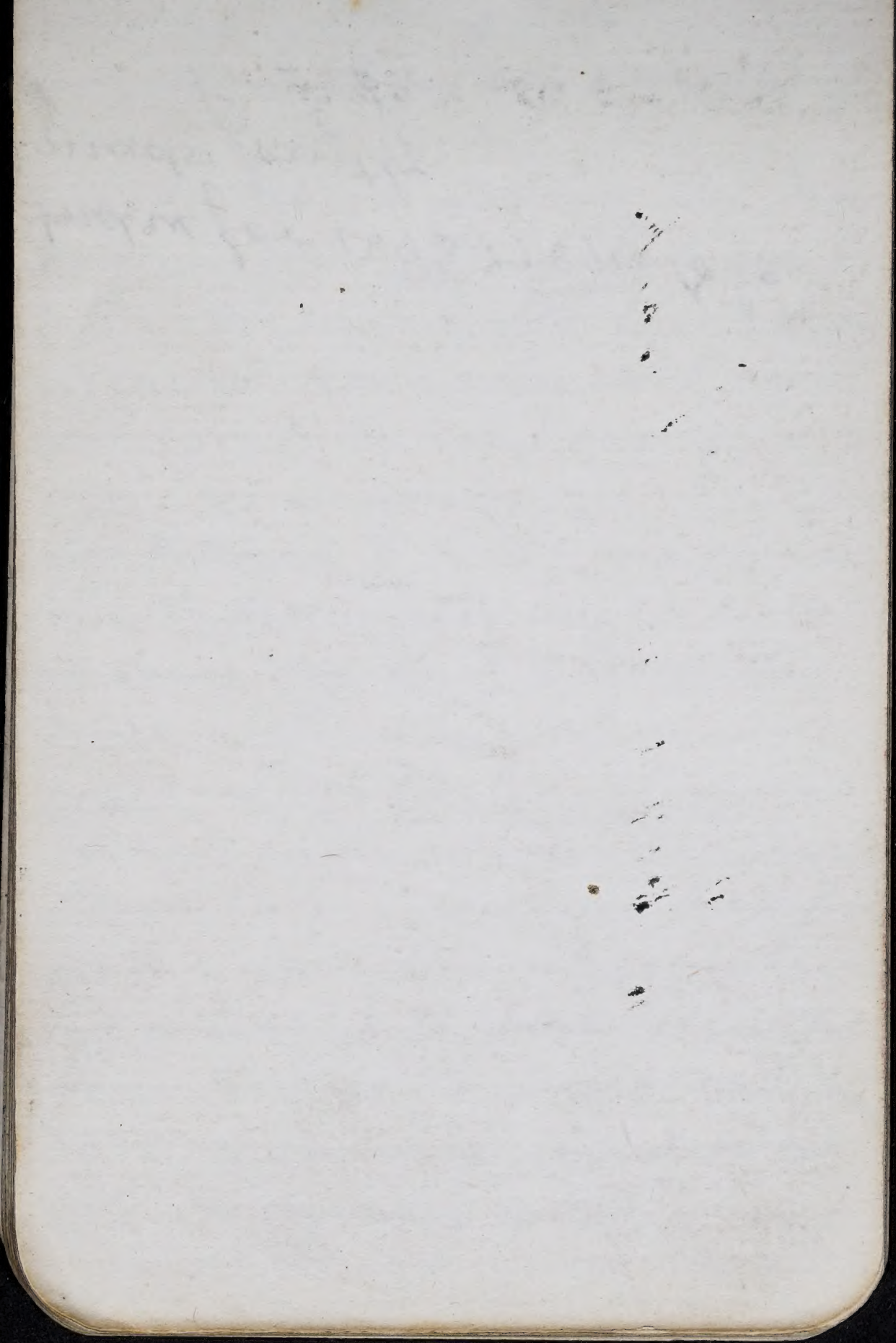
1895

1896

93

74

look up set mark of #62



Index for 1893 & 1894 to be
made jointly.

— 1893 —

Bird ^{and} Shooting Notes

Aug 5. About 75 curlew on marsh E of Broad Gauge track

Aug 6. Towhee rowl oak briars Cal. ^{Aug 6} Arizona cocks fighting. A. licked C. & flew up on oak after him & chirped ^{and} called. Seems they don't mate with ours & this one was crazy. Were some small young near by. Think they belonged to Cal. Aug 7 heard him this p.m. also Aug 13, & later on same day think I heard the same notes while at dinner.

Aug 13. Large flock of those white bellied snipe off water side. ^(Red back Sandpipers)

Some have in orchard beets for quite a while. (Hav'n't seen them for a week.) Rabbits plentiful from tennis to quail rowl ^{briars}. No dogs coming about now.

Aug 21 In sequence to "Aug 6" saw him on ground under Rhodod & apples. Has been around house lately ^{and} calls incessantly.

Sept. ¹⁸⁹³ Quail etc open to-day
but some Counties late as Oct
1st. no rail til 1894 San Mateo.

Lots of quail at Tronside &
a few Arizonas. Saw a dove
yest & 2 day by Rose Ave.

Sept 3 1st shot 1 lark 2^d shot 1 male
sparrow hawk Castro Valley.
3^d shot 1 squirrel 4th shot muffed
a flying jay R. w. Canon. Scared
up about 6 quail & heard 2 calls
in 4 hours. Lots hunters. A hawk
strung on a barb wire fence;
twice size of s/shinned & lighter &
spots darker. been dead 2 weeks.
(^{this is Cooper's hawk})
1 ratter shot. ~~Mr~~ Buck Ward got
a road runner, according to reports)

Sept 10. noon. Canal at "waterside" fired
at a butterball? also shag. 3^d shot 2
sand peeps out of about 10. all fly shots.
1 jay, hives, F. V. Road. 1 female flicker,
dog's grave cypress: had to climb together.
1 mottled night heron, w. croquet cypresses,

1 full plumaged (adult) top cypress s. of
Δ lilac bed, also hit 1 on fly. Saw lots
of quail pines betw. Tennis & owl oak
some arizonas among them.

Sept 17. Palomares Cañon 6. a.m.

Geo. Lewis got 1 quail. (young) 6 shots
I fired 2 & missed. up cañons
later on n. side. flushed a small
band that ran across road & got 2
shot & no birds. much scarier than
1st yr. shot at a rabbit in a gully
from hill & he jumped as I pulled
trigger. Hit 1 later & lost him.
Shot at a blackish or slate blue
bird about size of a lark that
kept concealed & had voice
like a mocker. ^(Gal Thrasher?) Heard 1 more.
Saw barn owl & road runner
feathers. also a big owl prob-
ably short-eared with 1st rab-
bit. A red tail on a dead tree
as I came across a hill top.
Fired at 2 more quail & lost
both. Can't hit anything. Got

-1893-

a pile feathers from a hawk
on wire fence. Got 3 squirrels &
L. got 6 more going home also
a young road runner. Got 2
quail each @ home out of about
6 shots each & lost a hit & 2
blackb. - ^{we} fired ~~at~~ together, at b. birds

9/23. Saw 2 kingfishers this morn
coming toward my window. They
turned & went toward marsh.

9/26. Sargents. Got a fine male
spar. hawk. & 1 black & missed 1.

Heard a kingf. in river & got down
to brink to get a sight when a
young dove lit. Got him on wing.
(this was all I saw on trip.) (Crop full of crab apples)
was too near on ground. was ^{seen}

nearly dark, when about about
10 quail flew from hill into thick
sycamore just out of range. If
I had shot into branches in 2 places
that I proposed to I would have got
birds; as they flew from those spots.
Fired @ 1 on wing & prob. missed.

3
didn't see Kingf. Fired @ rabbit
on the run but my aim was uncer-
tain as dog chasing close to him.

9/27 on road to Asphallum Springs
this a.m. had bad luck on larks
& took a line shot on 3 tiecrows
& didn't kill any though they were
hit. Got few feathers from 1 on
fly. Flushed a Wilson sp. snipe
who was off but I got onto him.
Lots of blkbs on aqueduct by
Springs & a band of quail got
up & lit in oaks & madroves
in a gully. Got a pot @ 2 on ground
& didn't get any. Got a lot of
feathers out of a tree & all the
others, about 20, flew out between
the trees & me, 1 by 1. Got 4 on
a pot in low brush on hill & 1
more further. Walked about 1
mile then down 100 yds & back
toward where I came from.
Got 1 on wing. Flushed a night
hawk 3 times last time shot

I never knew if I hit him.
Could have riddled him but
2^d flush as he sat on a log but
wanted a good specimen. Saw
a deer following trail above creek
from where I sat after getting 2^d.
quail. ^{was a doe or shed horn buck} Got 2 more across creek in
dry sage. Dog would ^{not} work on steep
rocks & I had hard work to keep
upright & several good shots got
away but I could brace & aim.
Peppered a buzzard. Got 2 more
quail in vineyard on road &
makes 7 & about 8 larks. (3rd m) Got 3
larks in succession in a meadow
canon 1 from, 1 toward, 1 across;
all on fly. missed 2 flyers & got
2 on fences. Rowed 1/2 mile along
river & saw a G. B. Neuron & 2 terrapins.
This was just after lunch.

9/28 walked past Woods's & over 2
dizzy bridges along San Benito R.
lots larks & birds. Thick as flies but

I had but 9 shells & saving for quail⁷
was afraid to cross river alone & c
gknd so got bk for buck. Larks
all n'r cr but I got 3 or 4 &
2 says Powers from wires also
a grass finch or "meadow" sparrow
along grass in track. Lost him.
Back in p.m. & crossed river
wth 22 shells & 8 shot 3^d power to
103 shot. Saw 1 quail 1/4 mile bt
I got into riv. along track. Had to
take a pot as he was slowly head-
ing for fence. (Sat on a small cloud
& I pulled both triggers 1 after
nthr & find I had any empty gr.)
He flew w'dd toward hills &
struck a patch of high & dead mus-
tard. Looked 5 m. & dog found
him dead. young male bird.
Aft' crossing riv. asked Dago
onchr 2 lt me go thro corn
& pumpkin-patch - & - orchard
OK. saw nothing & heard nothing
tho' in morn heard lots calling

on hill above cultivated places.
Lots tracks on road & side hill so
thick with brush to be far with
Palomares Cañons. Followed the
more open places & then to river
without seeing or hearing any.
Started a band around a coper
{thick one} below a bank & hit
one that lit in tree. Got on
all 4's & groped for him &
sent dog all over but no get
him. Flushed several more of
sm band but no shots. Flushed
a brood in ~~near~~ willows & grass
above sand line in riverbed
fired @ 1 & too near to aim.

Got 1 in tree. Ran on to a
band in sand & low bushes
& got 4 & lost 1 that I dropped
& marked down. Had 6 birds,
& 14 shells left when it got 6:25
too dark to shoot were about 50
in this band & along a rook

100 yds long. Alack said I'd see
cotton tail but saw none. For-
got to mention a group of 1 yst.
above asphalt springs makes 2
altogether, seen. Saw a hare
from train 2 m. from Sargents.
Lots sparrow & red-tail hawks.
Also had the crop on a fine
Coopers hawk last night on fly
but was off my guard. Let
it on a fence but saw me sneaking
behind bushes. & left. 16 sprig?
this 8 a.m. too high. Also saw 2
ducks on riv. & pulled within 10 ft
of them but they took crt. says
weren't tame breed small.

9/29 Saw a pigeon or sp hawk @
fornside, appeared to light in cy-
press on cor. of "in coming" street
road & flew over on right side.
Got gun from stable & couldn't
see him. Saw a yellow-winged
flicker in winter nellis pears
by St Lawrence apples

got under tree but he flew
he lit 75 ft away. Had no gun.
10/12 Saw a Townsend's Spar. owl
briars.

10/8 Saw yellow flicker by owl
oak. may have been same as
seen 9/29.

10/15. Started out to find that
hawk & heard a hen with her
brood making a racket under
a pine by quail oaks & saw a
j. right above her. Got very
near but hawk that I hadn't
noticed flew out & I couldn't
gain on him though he lit
3 times. Shot 2 squawks out
of 5 shots croquet opposite
cypresses.

11/12 shot male flicker foot of lawn.
2. S's hawk owl oak. 3 feathers off a
q. flying from oak on S's fence to
quail oaks, 4. dropped 1 about 50 yds
from " " toward pines, 5. missed a

"curving" one same course. 6 & 7 male
 female flickers winter plumage
 by plum age. 8. this shot was fired
 before 6 & 7: missed a flicker as L
 didn't lead enough. 9 muffed a
 curv q. from tennis oak briars toward
 b. alley. 10 peppered a flicker
 in pine long range. 11 feathers
 from a squawk on wing & 1/2 mis.
 'srd or hit another " ". 13 pigeon
 hawk in oak near N.E. cor. pasture.
 14. 15. 16. 17 5 q., 2 @ 1st shot, cypruses
 along "in" shell road.

11/26 Saw pair "airborne" woodpeck-
 ers; near trees next to astrakhan
 in big orchard & lately found an
 excavation, barely deep enough
 to be called a nest in a rotten
 apple bough that I brought in
 for firewood. Yesterday saw
 two pigeons flying wildly by the
 bull coral; one was diving & pock-
 ing & lit on top of oak by turkey

house, while ¹⁸⁹³ the other flew toward
pigeon house. I went up to look at what
I supposed was a young bird on tree
and from its pose & outline made a
clive for my gun & got 2 shells of
#8 & from corner of deer pen gave
it both bbls. & got a tail shaft & a
few small fthrs. Bird flew toward
bull coral & I thght it had lodged
dead in one of the oaks, but on
my approach it flew out from
above with no limbs broken & lit
on oak by stable door, beneath which
I had thrown wheat to carrier gang
af of my having forgotten to let
them out to feed yesterday, & the
wild bird was attracted to them.
The feeding flock was not alarmed
although on the wing they get attracted
at wild birds. Got another shell
and killed it stone dead & the d-
thing lodged at the top of tree. This
fthngt a ladder & a pole & had a

sweat to get at the bird & get the ¹³
pole directly in position. The shot ^{had}
gn cl^r thro' body. Today fired 1
shot @ 29 in orchard & got mix. Got a
pair on trees by grape vines of bowd. alky.
11/30. About 40 band tailed pigeons
on cypresses w. of one opp. Tennis
court. Has rained softly for a week
^{and} these birds were out of ^{their} range.
Stole within gun shot & they all flew.
& lit on tallest pine N. of Tennis,
fired @ 2 (approached under cover)
& got none (but after lunch find a
fine male under cypress at end
of back road) Lit later on on
tallest pine w. of sky roosts &
I was unable to get a good shot.
Lit for 4th time, on tallest pine
opp. A blue bed & dropped a fine
male with choke bbl & 8's. Was
well filled with holes. Saw them
later going against rain direct S. & out
of view. Saw 1 straggler later.
3rd shot got what I supposed to be

1893
another band tail, on top of dead
oak on line of pasture fence by bul
coral. Got a ladder & pole & tried
in every way to dislodge him, then took
a shot at him & got a female flicker.
4th feathers @ long range from
a varied r. top hollow oak opp.
e.s. 5th 1 quail & get where. 6th mis-
sed a flicker in rain by centre apric-
ot, rising as he flew to me: didn't
lead enough. 7th fthrs from a
robin in plums not far off. 8th 2 varied
from plum in bed by apple oak 9th
female flicker on apple tree. 10th
lost a hit jay on tallest pine just
n. of tennis. 11th 1 q. in cypress off.
E. of tower briars & 2 more by
gate, & hit 4 more, 1 on wing,
making 17 shots.

12/3 Borrowed Bill's \$10 & got 1 varied
in pines at beginning of gravel road.
2^d shot 1 robin, locust w. of tennis, & lost
3^d " took quail oak w. side. (45 shot.)

Then got my gun & mule cart & lost a
 lark near pear ave 100ft away. 2^d
 shot dropped, 1 on wing about 80yds
 off, 1 shot had struck back of head.
 3^d " missed far off on wing. 4th,
 on wing, broke both legs & lost bird,
 5th on " missed. 6th a robin with
 back toward me on ground 100ft
 away & lost him. 7th varied on
 lawn in ash tree got lots leaves &
 no bird, though not more than 30
 ft. off. Disgusted. Saw a male
 Gairdner woodpecker. seemed to be
 nearly black on back. Robins are
 commencing to arrive but more
 varied @ present. Sunny day.
 12/10 used #7's & 8's & got good re-
 sults with former only. 1st 19.
 in beats, 2^d & 3^d lost 2 on wing. 4th & 5th
 2 larks on wing 6th 1 on tree, all in
 beats. 7th 1 varied by bowl alley 8 & 9th
 lost 2 varied pines N.W. of tennis.
 10 & 11 in beats 1 lark & flicker missed

1893
on wing. 12th 13th 2 larks muffed
on wing in berts. Should have killed
last 4 shots. 14th arizona q. on wing
in berts & 15th lost on wing. ~~lost 9 of 15~~
16th 1 varied by tennis in pine.
lost 9 out of 16 shots. Saw a lone
wild pigeon by stable 4 p.m.

12/31 1 varied robin, & 3 quail in
berts all on wing, & brought down
2^d bbl lost. Got 3 1st with 1st
bbl. all that got up & flew from me
but missed 5 birds that got up in
front of me & flew towards me,
couldn't get onto their curves, as
each made a wide detour in flying
for lawn. Used some shultz & some
black powder. Dog worked well.

1894

1/7 Got 2 robin fired 9 shots 11 to
12 a.m. & used brass shells, my
own loading. Lost 1 rob. on fly
at trees & 7 more on & through trees
wasnt poor marksman either

but mostly brnckers. used #8 shot
with a 90% mixture of old #7 & "
~~it~~ ^{it} ~~is~~ 3/4 dr. powder to 1 oz shot.
Hit a gull far off, - a perpen-
dicular shot & he reeled & kept
swaying from side to side till
over High St on to marsh & lost
to view.

p. m. dusk 1st
1 quail badly hit if he got away from
cypress corner of meadow, 2^d &
3^d shots varied robs. 4th & 5th
missed 2 flickers flew from
N. W. & W. eaves of bowl alley a-
cross orchard. all black powder & #7.

1/14 Got sev. birds incl. 1 quail
on E. Y. cypress road. Missed Gull
& squawk near R. R. track. A few
blue bds on beet & carrot patch lo-
custs. Saw a bewick's wren re-
cently on wood pile. Townsends
sparrows plentiful as customary
in - winter. Audubon's warblers
not so thick Kinglets about as
usual. Robins scarce. Scarcely

1894

a hare s.e. corner orchard. Shot
at duck flying on canal back of
waterside against a strong s.e.
wind, & too far, as they favored op-
posite shore. Lots of spoons, spring
& ruddies lighting along point.
Fired @ about 6 gulls & never got.
May have been wind.

1/21 Geo. Lewis & I got a boat &
pulled to point opposite end of ca-
nal opposite swimming place. Rained
since Sunday last & stopped Sat.
night & no duck there. All out on
slough & wild, & good ones left the
country. Had a shot @ about
1500 sandpeeps in 1 flock & had
14 brass shells & 9 shot & both
shells missed fire. Ascertained
@ Allen's that primers were good
& wrong size (my own loading).
Went back to boat & got #7's 3 1/2 p^{ow}
1 1/8 shot bought @ A's. & when I
got back 3 dago's & 1 gun were

on hand & scaring birds away. Got
 1 bird out of 4 shots & missed
 2 on willets. Pulled up to bridge
 & missed all we fired at. (radians)
 #4 shot & #2 & #5 that I loaded in
 about 10 brass shells & Leo bought
 his, #4's. both used 4 dr. powder.
 3 radians other side of bridge &
 I got last 1 as she rose. 1 more
 shot stopped her diving. Few
 butter-ball & all wild. How
 nicely they divided distance
 when flying between 2 boats.
 Saw a flock of willets & curlew
 hovering over some weeds (water
 over marsh) & saw a splashing
 & thought a wounded bird was
 attracting them. Picked up a
 wounded willet on arrival there
 shot 2 yellow throats on bushes
 out of water & didn't kill either.
 Big flocks of willets & a few
 curlew with them but went

1894
come near a boat. Same with bot-
tomballs here. Tide going out, so
pulled into slough again & laid
by a bank at end of big slough &
wld. hr got sm dx but 2 scots
with a jay in a canoe spoiled
our chances. Tide carried us to
Co. Bridge where we wasted
lots long range shots. Picked
up another willet by going there.
Geo. ~~coot~~ got a wht wing coot.
(all he got) Home 3:30 I missed
a lark, got 1 q. & missed 2 hit.
got 2 varieties & jay & missed a
squab. Geo. missed 2 quail bunch
on fly & 5 r. squawks & q. & got ¹ r.
s. & broke leg of another. I hit
a jay in apple but didnt kill.
1/28 (Got 12 birds & fired
about 20 shells.) Larks & 2 var.
eties robins. Lost 300 & larks
hit on the set & found 1 crippled
afterwards. Had better success

on wing & got 4 more 2 of²¹
them at one shot both fell
dead. Saw about 12 blue-
birds on Santa Clara & Baway
lately.

2/11 19 shells got 9 robins, 2
of them 1 shot & 2 on wing, hit
a flicker, jay, 2 squawks & 1
hawk like coopers in orchard,
& killed 2 squawks top of
trees & caught another fine
one alive with sound bones.
failed on 3 robins in trees.
Picked up a dead "varied"
Met Jim Cavanaugh we shot
together. Gave me 4 smoke
less shells.

2/11 Started @ 4:30 & quit @ 5 with
several lark & robin.

2/11^{Friday} Shot from 5/15 to 6/10 & got 9
robin (2 on wing) missed 1 on tree
& got 2 @ 1 shot thus making 1 bird
to each shell. Lots roosting on lawn &
in ivy. Quail 100 yds off in orchard

1894
while I fired 33 shots on lawn.
2/18 ~~Sunday~~ Buck Ward came up, wanted
to go to Hayward for wild pigeons with
my gun & shells. I fooled him on that
& he went down town & got a winchester
shot gun & 50 shells #5 & #6 gave
me 25 of them & 1 more later. Had
bad luck even at hot shots & got
but 2 on wing. Had 6 of my brass
shells & after using the 32 of
mine & wards quit @ 1:30 with
12 robin 1 jay & 1 flicker to wards
10 robin. I put 3 shots into birds.

2/17 Sat. used 22 shells & got
11 robin & 2 on wing. Bluebirds
lately on their old stamping ground
on S. C. Ave.

2/18 Got another mass robins &
some good wing shooting as they
flew over carrot patch. I was
behind a clump of briars.

2/19 Same, but birds flew higher.

2/22 to Lake Chabot saw but it

23

lark & 3 robin on road. Tried
to get into red-wood cañon, but
road too muddy. no birds on
hill so went home & got a doz.
or so robins. (Constable. Morris
in carrot patch Sund. shooting robins
with rifle) Got a song sparrow
& saw 1 more, got a green-b. Goldf.
& saw 2 more, got a dwarf. thrush, &
saw 2 flickers, 1 blk. plover, few
kinglets where. I ate lunch
on hill. So windy birds all in
valley.

2/25 Sund. 6 a.m. @ Young's Ranch
back of Walnut Creek. 1st shot
robin on tree, 2d on wing, 3d & 4th
on wing. Got about 8 rob & 2
lark, 1 rabbit, lost a hare out
of 25 shells. Had Friday & saw
lots of rob. lark & rab. on road
home but on a/c here, no shooting.
Saw no specimens of value ^{except}
some blue birds, 1 marsh hawk.

1894
3/3rd Got a mess robins 17 & 1 rabbit 2/night.

3/4 more robs. 3/5 2 robs.

3/8 2 robs. & 1 pigeon from house over 3rd story. Wounded female. ^{1 female flicker}

3/10 Sat. 9 robs 15 shells. 1 varied, got him with another, at a double shot; all hot shots; flew too high & missed 3 & quit. Getting wilder every day & roosting in lots around B.Y. Ave. & Pearl St.

Got another double shot but took another shell 2 kill 1 bird wounded.

Are so foxy now they fly across Smiths to roost & not across carrot patch in former quantities.

Saw Allen's - or - Rufous Hummers for a week. Goldfinches not thick yet. Blackbirds roosting on H. Y. Road pines for 3rd year.

Snowbirds common last 2 days.

3/17 9 robs with 14 shells. 5 Am.

goldf. with 1 shell, all shot in head, #9 shot.

3/18 5 robs. 8 shells, including 1 fired
@ 2 flickers which didn't kill. Saw
a blue-back sharpshin sev. times
but too wary. Townsends Spar.
here yet. Robs nearly all gone.
3/23 Saw an Or. Snowed., late.

3/26 " " " " "

" Townsends Sparrow appear to be moulting
(shot none).

3/24 6 robs, 1 lark on wing in meadow.
fired 12 shots. Found sev. dead robs. lately
as many are hit & not retrieved.

3/25 fired 6 shots & all successful. 3 rob.
1 rabbit, 1 young rabbit in long-berry briars
1 young hare as he ran toward me on
path N. of lawn.

3/26 Red Hummers on F. Y. fence evi-
dently nesting. Anna's collecting willow
cotton along R. R. track. Found tail of
a red hummer (pointed ends) eaten from
body by a cat. by front door of stable, also
remains of a C. B. Towhee in garden that
had met same fate.

4/1 few robins here yet. Shot my eagle
that got loose yesterday. See "Fowl Book"

1894

4/14 Noticed a roost of robins 6:30 p.m.
in MacSherry's garden. Are not shot
at there. Saw a s/s? hawk fly over
hen coops.

4/17 with Taylor @ Hulls. Lots
Gambels & an occasional Song
Sparrow among briars along fen-
ces. C. H. Finches, Am. Goldf. 1 Horned
Lark. Got to Swamp woods
flushed few pairs quail & saw
2 male Pileolated warblers &
plenty Tree swallows. 1 Fairwings,
few Hummers, (Hawks, Red-
wings, Larks etc on edges) Colony
of 32 G. b. Heron's nests 1 tree.
7 or 8 trees more, 1 or 2 being
alders with 3 to 20 nests. Colony
of B-c-n. Herons in low trees
in swamp. Saw 1 Am. avocet
near Mt. Eden in breed. plumage.
Lots duck preserves all over
full of signs. Plenty ducks yet
in R. R. Nestle slough & a short

ways: eastward.

27

4/24 Lots curlew being shot on
Alb. Marsh. Blue-bills on bay jet.
5/6 Halls. about 3 pair Horned
Larks. must be breeding. Heard
Gairdner's W. in swamp. Plenty
tree Swallows. G. b. Herons
nests full of young. Could hear
them. pair Coots & some ducks
look like Scoters on slough from
bridge just bet Alvarado. Got
lots of squawks nests full eggs.
1 nest in vines 8 ft up ^{highest}
25 ft up in easy trees all in
swamp. More quail than
last time & few doves.

5/13 Swamp between miles ^{and}
Irvington. Coots, Marshwrens
& nests of both. Lots redwings &
good many yellow-head b. b. but
no nests. ^{dark red & white wing b. b.} Think they breed in-
side of tules. Saw Heard Amer-
ican Bitterns. B-c night heron
in young & adult plumage.

1894

G. b. Herons. Saw 1. cir. trail & 3
more 3 times. 1 Green-w. " flushed
from tules, probably had a nest
but as it was a drake we didnt
look. 1 Shorelerr. no clover to
drag rope over. Vegetation scant.
Yellow Warblers & Grosbeaks in
swamp where willows were.

5/20 Young's Ranch. saw

- | | |
|------------------------------|--------------------|
| 1 Road Runner | 15 Cal. B. Towhee |
| 2 Red-s. Flicker | 16 " Jay |
| 3 Cal. Woodpecker | 17 " Bluebird |
| 4 Hawks | 18 C. H. F. |
| 5 Buzzards | 19 Cliff Swallow |
| 6 Doves | 20 Barn " |
| 7 Larks | 21 Black Pewee |
| 8 Brewers | 22 W. W. " |
| 9 Red-wings | 23 West. Flycatch. |
| 10 Cal. Thrasher | 24 W. House Wren |
| 11 Russett-back | 25 Arn. Goldf. |
| 12 Oriole | 26 G. - b. " |
| 13 L. - t. Chat. | 27 Yellow Warbler |
| 14 Spotted Towhee | 28 Lutescent " |

29. Eng. Spar. 30 Laz. Bunt.²⁹
31 Blk hd Groat. 32 W. Chip. Spar.
33 W. Lark Finch 34 Purple Finch
35 ~~Cal. Thrasher~~ ^{see #10} 35 Kingbird

36 Al. or R. Hummer 38 2 var. sparrows.

~~39 feathers of W. Horned Owl.~~

~~40 feathers of W. Horned Owl.~~
5/27 Pair Lazuli Buntings in
gone-to-seed berts by High St. W.
W. Peewees in orchard & around
big tank & " pasture. Thick this
year but cant find nests. Have
seen a wounded robin (perhaps
more than one) nearly daily for
over a week past. Male. Saw
a Cal. Woodpecker over a
week ago by bull coral, also pair
band-tailed pigeons on oak oppos-
ite Smiths.

6/3 Caught a young jay in astrakhan
orchard. a pair built in cyresses
by my house but I never found
nest, probably the pair whose nest
I took near house in Apr.

6/10 a crow 50 yds from my back

1894

gate, meandering up to me. Gave it #6 from right bbl & it flopped ~~up~~ over, but rose with wind & flew N.E. 2^d bbl @ long range had no effect. Sparrows not near so numerous since ivy cut from oaks & gas house & Russet backs are easier to find.

6/14 Shot a male Lazuli in creek & hit another on wire. Didn't get 1st one. Boys look in willows but if I had time I could find a nest in underbrush, as I saw. 3 males & no hens. Shot an old & a young jay in orchard by gas house.

6/17 Wheeler & I looked for Lazuli's mentioned above. No luck. Caught 3 small quail from a brood & let them go.

6/24 Saw some good sized young quail. Scared up a hare from thick grass back of cow shed in meadow. Could have ~~hit~~ hit him with a brick.

7/1 Plenty young quail about. Lazuli's now & then. Counted 9 pair quail by my house 2 days ago. A kid found a Lazuli's nest by

Talcott's with 1 fresh egg just.

31

7/8 Shot "1 pair" hare in new asparagus bed. Shot buck on the set & didn't see doe 'til she was 100ft away. Some shot struck John & a kid by greenhouse, but didn't hurt them. Shot twice @ flying blackbels & missed. Got 3 young & 1 old jays on the set & no misses. Shot 2 dogs chasing turkeys on F. V. Road. Shot thriving black & white cat last night.

7/11 Scared up "the phantom" hare again, in orchard by High St. Was quite close. Young Pattison says a hare stays in Cammorniles in lot E of my house.

7/13 Pattison found several nests of Law. Goldf. with young. Finds them in Lazuli's, & Green-back Goldf., Dove, Lark Finch, Orioles etc. around Talcott's & Round Haunted House.

Found a Yellow Warbler set in my osage hedge this year. Fitchburg is another good field for boys. Boys yellow-head. black bds breed them.

6/14 Pattison reports a Lazuli's

1894

nest containing 3^{fresh} eggs at Talcott's.
Promised to get it for me.

7/15 Went swimming & muffed 2 Barn
Swallows over water. Went out with
young Reef in sailboat to mud cape
& got 1 bbl. into flock sandpeeps &
2d. bbl as they rose. Dog got 15 &
killed 3 wounded. about 8 that fell
on water had drifted toward
Clark's by time dog got the 15 that
they were out of sight & tide too low.
to venture after them. Saw
band of 44 or 46 quail, 2 pair old ones
& brood was 2 sizes, by my house.

8/5 1st shot Cliff Swallow. 2^d. W. Savan-
nah Sparrow. 3^d, 4th, & 5 missed at
Cliff Swallows, 7th got 1. All on wing, in
meadow pasture across creek. Hots
W. W. Pewees around oak s. of stable
& oak s. of stable tank: seems to be a
brood not yet broken ranks. See that
female Cairn's Woodpecker very
often; no males. Saw & heard R. S. Flickers

in Aug early & late. ^{must have been lots of green among them} 33

9/3 7:30 A.M. about 1,000, ^{Free} Swallows on wires @ Alvarado & few Barn & Cliffs. Coots in slough off bridge. Shrikes all along road & in San Jose. 9/13 boy @ Alvarado says ^{Swallows} they are there daily.

9/9 Shot a male Plain Tit, moulting & a young " La. Tanager, crew full wasps - heads, wings, legs, & bodies but no abdomens; probably rejected also poison string. Made skins but hunch.

9/10 Shot female W. W. Pewee & made skin next day. Saw a Brown-black plumaged, white-backed Marsh hawk, slowly sailing over waterside levee & a Sparrowhawk 20 ft over him all the while. Came 20 ft of me. Had no gun.

9/11 Fired 4 shots @ a Mex. Horn Lark, across canal & never killed him. 1 shot @ marsh & parrrow. Killed a bald head & wall-eyed jay in orchard.

Over

1894

Oct 1. Monday, Labor Day.
out @ 7: everything wet Got 10
quail lost 4 crippled missed 3
& 1 blackbl. 18 shells. Got dog
& got 4 more & missed 3 & crippled
3. Saw a yel. flicker on F. V. R.R.
track & was about 2 yds a pot
shot when 2 reds scared him.
(Got 1 of quail in Smiths corn & 1
in pasture & lost 1 hit twice after
which I climbed & d. f. dog didnt
see it drop & it got away. Appeared
2 b a hen with patches white
on back. Got 2 cocks on wing
at same time with each bl.
these 2 only flew from High St
over osage hedge. Killed 1st
& dog got 2d. a young brood
flushed from weeds N.E. corner
orchard or last years best patch
singled out 1 dropped it.

Oct 5 Got 4 quail. 1 in F. V. pine

1 in cypress, 1 somewhere else 35
& 1 in orchard by High St on wing.
3 times while eating apple I lost
1 flock & 2 singles put up by
dog. 1 lark as he flew off lever
in meadow.

Oct 7 11 a.m. 1 pot quail bet
wren my house & pear ave. Got
3 more pots & lost 3 pots, most
ly in briars. Lost 3 shots on
larks & killed a rat in mead-
ow creek, which didnt find.
(Broke leg of squawk Oct 5 on
wing, & missed 3 quail that
flew from F. V. cypresses that
Bully was beating.) Quail in
orchard this morn. near open
space, by High St. so evasive got
only 1 shot, although laid fair
they afforded no mark, fly-
ing diag. under trees, if they
didnt go out over tops.

Oct 7 3 p.m. Loaded someb's
heavy for choke bbl. & did

1894

better work. 1st. 1 young male
in patch weeds: flock always
there, ready to fly into cyresses
15 ft. distant, back my house.

Put up a few singles in orchard
but no shots. Put up a flock
(family) in open, n.e. cor. & got
2 with 2 shells. This band rose
wild & I had 2 pick my victim
& last shot fired @ half arm.

About 50 rose from squash
n.w. cor. & appeared, too far
ahead. put out several singles
& lost only shot fired. Billy
put out about 40 from thick
pears w. of figs & I lived on
only 3 & got 1. 70% are this
year's & 50% of them are small
yet. Walked to Malrose R.R.
track 1st. shot lark that floated
down. Flock blackbirds too
shy. 2^d shot & 3^d larks, that
rose far off. Lots of them but

too wild. Gavanauygh got by 37
by meadow Thorns & Perry
Fox the mail carrier 13 this
morn.

Oct 13 Sat. p.m. - 7 shells, got
6 quail, (5 young & 1 old, hen) 7 birds
flew from branch but or just as gun
went off. Shot 1 young male fly-
ing from orchard to hedge & he
doubled & fluttered in air 10 sec.

Oct 14 up @ 6:45 & missed
couple wing shots on F.V. end
of Smith's corn, & others all over
except orchard or East of apple
ave. big band back shed in pas-
ture flew into oaks & out tops.
again by noon. Lost 2 larks &
4 quail all crippled & a fe-
male ^{Cabanis} ~~Harris~~ woodpecker (1st ever
seen in Alameda) top of a pear tree
30 yds off with #9 shot. in all
15 shells & not a bird. Beat
all previous records.

Oct 28 ~~took a shot~~ Shot a s/s hawk in

1894

good condition after retrieving, but didn't stuff it. Flew from orchard gashouse oak into oak e. of music room where I shot it & on its way grabbed at a Gairdners woodpecker in cherry tree & scared the female ^{Cyanus} ~~Parus~~ w. to poplars where I took a long shot with choke bbl. & didn't get it.

Nov. 11 Saw her 2 days on S. side orchard by my road & she flew to locusts on High St. but I got in good range. fired 9 shells, 8 @ quail, a big band in Smiths - oak - on - fence & locusts & lost 2 & got 2. 1 of lost ran into Palmers & Lynn showed me where but dog wouldn't work in blackberry plants. Lots larks back my house but wild. Caught a high one & brought him down dead.

Last night 6 shots at quail on wing & no success til last 2 shots @ 1 flock in squash by meadow, worked up on them instead of down toward orchard like last time & got 1st bbl & 2 with

2d. spent 20 min looking for 39
the double only found 1.

Crowell reports a female wood duck
shot on salt marsh @ Pastime cut club
last week. Lots jays & flickers in
orchard but won't waste shot on them.
a sp/s hawk around. Saw him slide
into a flock of quail sev. days ago &
they went crazy. 1 quail out of it
shot last 2 days a cock & all young
xcept 1 hen. Are plenty left.

~~NOV~~ 18 Shot a cock quail on run
from cart & he twirled but recovered
& flew just as dog got near. Lost 1 barb
on wing & 1 on set & got 1 on set. All in
squash S. of meadow. Spent 15 min. & quit.

Dec 6 Shot female ~~Harris~~ ^{Psaltria} W. top of
cypress by my back door. This is probably
the one I shot at twice in Oct & Nov.
& saw at other times. Crowell shot
an Osprey. Dec 2 at Alviso & gave
it 2nd. bbl. @ close range (as he was
afraid it would spoil his dog) & shot
it to pieces.

1894

Dec. 9. Shot quail in pine & got a
lot of feathers, 2^d got 1 male;
close range in pine & good condition.
Big flock flew from pines s. of car
rot patch into pines on F. V. road
& on my approach from oppos-
ite side flew back again; didn't
follow them up. Lots larks in
meadow pasture but wary as usual
& they never fly over you any
more, but directly away from
you. Winged & also shot at
a flock back of my house. Ob-
served hundred Titlarks in
meadow, especially around pools
of rain water & along edge of marsh.
They are like snipe as to choice
of feeding grounds. Fired 3 or
4 shots @ a grebe on water & can't
kill the d. things. Also 1 at flock
of Butterball, 1 at a Caspian
Tern & think I hit all of these.

Saw a Buttrball drake decoy #1
to a grebe on water.

Dec. 23 a ~~Sybil~~ hawk on old apricot. Chased him from tree to tree & lost him. He flew past in clearing between
tennis oaks row oak & my shell missed
fire. I got 3 quail with rifle in F. Y. cypress.

Dec 30. Shot a ~~Sybil~~ hawk from cypress
over rose fence. Was well hid by a "
spray butt choke bbl. got him. (Made
skull Jan 1.) 1 Jay & 2 quail & 1 dog long range.
(all shots counted) 1895

Jan 1. while cutting wood by shed,
heard a loud note & saw a W. Winter
Wren in wood pile. Very loud note
for size of bird. Has a slight white
streak over eye like Vigor's but
a shorter tail & is rusty brown
instead of chocolate. Saw one on
Xmas day in woodpile in brush lot.
Pair of Annas around my aubritelon
bush for over a year & noticed Ark. Goldf.
well into Dec in same bush on rainy days.

1895

Feb. 3. Fired sev. shots at larks on apple trees & lost, also lost 2 or 3 on wing & got 4 on wing. 1 quail pooped. Another filled with lead that escaped. Saw a sps hawk fly past me in orchard.

Feb. 10. Peppared a Varied Thrush in pine on shell road & it's a mystery how he got away & a quail further on that I saw fall: probably recovered. Got 1 robin on plum ave. Have seen about 10 this week & 1 in Jan. on ivy-covered stump by Ed's house & 1 by Centerville 1st week Oct. which makes all for the season, so far, and, think will be very few if mild weather. &

Feb. 14 heard varied Thrushes singing in "mabels" lot etc. A musical crow, much sweeter than their usual crow & sounds like some tropical cage bird.

Feb. 26. A flock of gulls & a few ducks on shallow water looking for grub from dredger pumping slickens under narrow gauge trestle. A duck, looked like a female blue-bill, grabbed a clam or fish & started to fly, pursued by 3 gulls. 2 of them quit at 200 yds & the 3d. kept so close that in the distance they appeared as 1 bird. The duck flew $\frac{1}{4}$ mile & returned to edge of flock where other gulls were flying about & eluded her pursuers. Never flew over 3 ft. from the water & her load probably gave the gull a chance to keep up the pace. Lots of ducks seen this winter on the bar. Has been too much water over the country which has scattered the ducks & spoilt good sport. A very unsatisfactory season for quail too, & so much rain in Dec. & Jan. Never saw so few birds as this winter.

1895

probably owing to warm weather.
Ice only several times. Dec & Jan.
& Fine frosts weather Jan & Feb. Fruit
trees blooming middle of Feb.

Feb. 27 Wheeler says Buckward
returned from Sargent's 2 days trip
with 2 sets Eagles eggs, & traded 1
set 2 Barlow for \$25⁰⁰ birdskins.
Took a fellow named ~~Tom~~ Ben-
nett along & paid his fare.

Feb. 24. Found a dead emaciated
female r-s. flicker in Fernside attic.
Bill found one month or 2 ago.
Dog killed 2 buck squirrels that
were driven out half dead by
smoke from hollow oak on lawn.
Mar. 3. Road to Fish Ranch.

Heard hummers $\frac{1}{4}$ mile up
grade & song. Sparrows & that
peculiar bird that sings un-
seen (2 notes, followed by
by a lot of quick ones) Heard
it once in 1894 at home & at

ways in hills). Saw single 45
Red-tails & Sparrow Hawks singly
& in pairs. Scared up a few quail.
After leaving Walnut Creek
Saw most of birds, a big t. buzz-
ard, 2 bluebirds, lots flickers
& larks, (some worn tits in first
1/2 mile, & 1 Bewick's Wren after
leaving Fish Ranch.) Came across
flocks of 5 to 40 W. Lark Sparrows
feeding along road. Heard Cal.
Woodpeckers, (saw a Say's Phoebe
this side Lafayette.) Wild curr-
ants & potatoes & night shade etc
in bloom in canons & most
other early flowers on hills.
Wheeler examined 2 rats nests
in small oaks first part of
road & I looked into big oak &
thumped on hollow branches,
other side of Fish Ranch, but
didn't see a Horn. Owl on the
whole trip.

Mar 5. 3 robins flying over gums
@ 7:45 this morn. A pair or

- 1895 -

of Plain Tits in lot W. of Pearl st.:
hear them daily. Found a dead
(come time) Red shaft. Flicker in
a small clump briars in pasture 3/2.

Mar 3. Lots of Bush Tits, robins
becoming more plentiful.

Mar 19 5:45 p. m. about 100 robins flying
from High St. toward Smiths. Several
pair Plain Tits about, lately.

Mar 21 Saw a Dwarf Thrush in Uncle
Wm's yard, on way to train this morn.
thought at first it was russet-back, but
the tail color showed identity.

Mar 19 Wheeler reports 2 hawk
nests he didn't care to climb to
on Moses Ranch 3/17, also C. B.
Tits building in oak back of barn
next to creek & Jay or Cal. Thrush
containing 2 eggs in small oak
over hill from bridge on road after
entering gate.

Mar 21. Pair Anna's hummers on
moss-oak in pasture opp. Brown's

appear to be nesting. Saw them 47
first 3/3. A pair in lot E. of my house.
Apr. 1. Few robins around yet. Lots
Bluebills on bay right along & plenty
scoters (Am.) in wake of broad gudge
off N. end Goat Id.

Apr. 6. Heard lots poor wills on road
up summit. Very like the words
& tone like a plover.

Apr. 7. Moses Ranch. Report ar-
rival of a R-b. Thrush yet. If
this was not a Hermit or some
other bird Belding is way off when
he says they don't arrive in Coast
Range til May. Saw sev. pair
Huttons T. evidently nesting but
failed to find nests. Few Cliff
Swallows, appear to be first arri-
vals. Nearly caught a Cal. Screech
Owl that was sitting in a hollow
willow with rats nests inside.
Flew down creek without fouling
itself showing good vision.
Hummers, Robins, Black Phoebe,

1895

Grosbeaks, Plain Tits, etc.

4/14 Found several small woodpeck.
hollows in orchard & only 1 good one
which could have contained a Plain
Tit nest: lots of these birds but no nests.
Looked for larks nests foot of Garfield
Ave. with dog but saw no birds. Lots
Robin snipe reported. Patterson
took Black Phoebe (4) in well near
his place last week. Yellow Warbler
back on gums by tank & other birds
in their former localities. A s/s
hawk in orchard to-day. Patterson
says kids found several hummers
nests in pasture S. of S. C. Ave.

4/20. Saw ^{3/18?} hawk again. Hummers scarce
this year. So are jays, but I shot none
last wnter. Wrens scarce. J. Warblers,
& Grosbeaks & W. Flyc. as usual.

4/21 Hail's. T. Vulture. G. B. Herons
seem trifle scarcer than 1st yr. Think
Chimney eat them. Brew. b. b. wading
puddles for grub. Red-wings in pond.

meadows & tules abundant. 49

Few W. M. Larks seen & numerous
~~shore~~ Horned" with squeaky song.
Song W. Sav.? Sparrows along marsh.
1 Cal. Towhee & heard 1 ~~Pumpkin~~ ^{Oregon} Hawk.
1 Am. Goldfinch. Y. Warblers & Grosbeaks
heard, also heard " in brush of
other var. Saw a Flyc. larger than
Western. " 3 Cal. Chickadees
along path by stream. Cliff & tree swal-
lows plentiful. Heard sawdoves but
no quail. Several Fairwings Woodp.
Ho. Finches. H. or R. Hummers
in swamp. Saw 3 & 5 ducks flying.
Kilders near Shrike's nest. Lots
small snipe, 2 var. along Alvar-
ado bridge. 1 Coot.
4/22. Off Goat Id. (8:30 broad
from Ala.) 2 bunches Brandt's
Loon. Flushed by boat & flew
across bow. All black. Saw.
Gulls on water with them, also
4 Pigr. Guillem. that I recognized
by black hds. & similarity

1895
10 pigeons when in flight. Sev.
6. Murres apart.

4/27 Saw 2 Russet-backs & heard others. I think I saw 1 4/20 but don't exactly recollect.

5/5 Halls. The usual number of birds common to the locality. Saw a Tule Wren among tules. Lots Am. Goldf. Few quail heard, seen 71 pair flushed from centre of swamp. Orioles & Grosbeaks & Thrushes. Pair ~~S.~~ Towhees still along ditch. 1 West. Tel.-throat in tules.

5/10 Long-tail Chat seen & heard in Painters, also Robin heard, Jays nesting there. Jays scarce @ Fronside this year.

5/12 San Lorenzo Creek. Found nests hand-over-fist along willow in slight growth of briars under tall willows. Easy to work in. Went down with Wheeler. Buck W. showed him this place & from looks of empty

51
nests, Buck & Thompson were
recently there. Saw some Barn
Swal. & Killdeer & found nests of
everything else we saw ~~except~~
according to nesting data, this date.
In morning Saw 2 Rail on B. F. Id.
Jim McKean told me several
days ago was Rails nest with
11 eggs nearly hatched, foot Van-
sailles ave. or thereabouts. Found
out from Ralph Hamlin that his
boy got all Taylor's Rail sets for him.

5/10/11 Saw about 7 Lo. Tanagers
in front of bowl. alley & on cherries
by rose ave.

5/17 Was going to go to S. Lorenzo
creek with Buck but as J. M. C. gone
to Fresno I had 2 b @ office.
B. says got 4 sets Lut. Warbl. If
he got 1 set he is not far from truth.

5/18 Shot at 2 of flock of 8 Cedar
birds on pear tree plum ave. &
dropped 1 badly mutilated. Very
fat.

1895

5/19 It appears Buck didn't go
2 S. Lorenzo Fri. as station
agt. says he didn't buy ticket;
Wheeler Sr. saw him in town
& our nests were intact. Hid
wheels by creek bridge on south
road & worked into open & back
across road & creek parallel to
it & had big luck there. Ate lunch
at wheel cache & worked up ^{creek}
to where briars ended & back.
Rode to orchard bridge & spent
few minutes without reward
except H. Finch 1/5 & Wheeler got
13 Gallina Domestica. A Black
Phoebe by south bridge appeared
2 have mate on nest. Mr & I
put in a futile, hasty search.
Saw pair quail & a female Pil.
Isolated Warbler, near end of
briars. The birds may be num-
erate in order of abundance ^{as seen.} 1

House Finch - 2 West. Goldf. - 3
Samm. Song Spar. - 4 Brew. bb. - 5
Cal. Towhee - 6 R. b. Thrush - 7 Yel.
Warb. - 8 West. Fly. - 9 Swallows
common at Robt's. Landing - 10
Bush Tit - 11 Oriole - 12 Phoebe - 13
Quail - 14 Vireo ^{not seen} - 15 Pil. Warb. 16
Lut. Warb. - 17 Buzzards. 18 Kildeers.

5/26. Few Warblers @ Fernside
this year. Wheeler went to miles &
got 1 or 2 sets Tule Wrens & 1 or 2
incubated sets J. h. b. b., His 2nd.
trip. On 1st. trip took boat & found
it belonged to game keeper who was
mad. said ~~the~~ kids from Irvington
stole sets Cin. Teal & Mallard.
Also went to S. Lorenzo & said he
found only 1 of 4 nests we left
with incomplete sets Thrushes,
but found 3 new ones. Think he
is mistaken in this as I saw no
empty nests & looked thoroughly.

5/30 San Lorenzo. Saw a male
Pileolated in dry gully, over

1895

prv wrinkles, like one seen on creek
5/19. I think they nest in it. Looked
without success. Hunted with Walter
Samson, 11:30 to 3. Wheeler with
Wm. Samson. Took usual course
& each pair separated after cross-
ing road & creek & worked dry
gully & across to main creek &
met other pair who had come
up stream from gully ahead of us
& crossed foot bridge by China ^{shanty}
& hunted ~~on~~ ^{E.} side of creek thinking
we had gone along W. side of
creek from bridge. Found more
nests on this a/c.

6/9 Met Wheeler by appointment
@ Viles 2/d He had been all over
swamp. just & hauled all in sight.
(according to ^{nest} data this date) Saw few
Civ. Teal. W. saw Ruddy's & I did
last year. Gamekeeper says are
Mallard & Red heads there. Saw
no Bitterns, Grebes, or Gallinules

no Butternuts, Grackles, or Crows
but W. took last 2 796. in 9995.

1 or 2 pair Killdeer.

6/12 Found a W. W. Pewee caught
by sticky web on 2 wing primaries
to a small camomile edge of road
by hedge s. of kitchen lawn. Had
some on other parts of body. Made
skin of it.

4/28 Shot a $\frac{1}{2}$ West. Flyc. by engine
house & #22 shot cartridges
young & An. Hum. by ~~nest~~
safe on hawthorne or briar tree. Made
skins. Shot a male Eng. Spar. on
buckeye opp. engine house. Too moulted
to skin. Billy G. skinned a warb.
Goldf. few days ago & put it in cage
with tame canary. Its parents fed
it. Forgot to mention that
a month or so ago heard song
of Cal. Towhee on cypress in back
yard. A few short, low, notes in even
time: a plain sound; a warble.
Saw bird well. about 6:30 p.m.
Very few House Finches around
& most other birds gone a/c lack of

1895

water &c garden being abandoned to a great extent, especially dryness &c lack of watering causing a dearth of insect life.

Aug. 18 Shot a jay from oak by man's house & in orchard & wounded 1 & missed several others, with Bill's rifle. Saw female *Cabanis'* woodpecker & tried to get a shot at her, but too shy. Saw her 2 weeks ago in orchard. Several *Tairnensis* about. Saw a Kingfisher Aug 20 that appeared to light by turkey roosts, the notes attracted my attention. Was high up flying in slow, uniform strokes, that pulled the bird along very swiftly. A pair barn owls roosting N.E. cor. house on water pipe.

Eng. Sparrows all seem to go into town about this season of year, in flocks. A few Russet-back. Thrushes here yet. W. Wood Pewees in usual numbers this year. Lots quail.

a great many in lot 5. of B. Vista
& W. of Versailles, where they're safe.

Lots Cal. Towhees along back road.

Aug 24 Saw Kingfisher men-
tioned Aug 20 again, flying along
B. Vista Ave. through gate. Heard
him later by his key notes.

Aug 25 Shot the female ~~Chabris~~
Woodpecker referred to lately,
after following it from tree to tree,
beginning $\frac{1}{2}$ way from Bowl
alley to meadow gate, across
orchard to Va. Greenings.

A strike heard lately near
High St. none seen on woodpecker
oak by Smiths to-night, also
a Cal. Woodpecker croaking
there. Lots ~~Spotted~~ Towhees
in garden lately. Plenty jays
in orchard; don't seem noisy.
We've had hard work iden-
tifying birds this summer
ap. their signs. Orioles or
blue-plumaged tanagers.

B.-h. Grosbeaks, or R. b.
Thrushes. Saw big flock
Blackbirds in meadow.
Aug 26 Saw a few dark plum-
aged, red-billed, white-rumped,
white-tail-tipped gulls in S. F. bay.
One was swimming in front
of ship with several flesh-colored
billed rest? Gulls of light plum-
age, which would be rather
tame for this generally shy
bird. Saw a very large, rather
red-billed Gull with the black
wing tips which I took for Cal.
Gull. A sandpiper of some
variety, about size of Red-
backed was swimming near
by (4:30 p.m.) and $\frac{1}{2}$ way across
another seemed to fly from
under the bow, and lit to one
side a few feet away and swam
a short distance and flew further
and lit. The wings and back ap-

feared quite brown.

59

Forgot to mention - Apr. 6 about
10 p.m. - moonlight - near Moses
Ranch - long, loud cries of Shrikes
from field of tall oaks with
bunches of mistletoe. A fight,
~~an~~ owl disturbing them, or a
break of theirs may have caused cries.

Sept 8 4 p.m. on pear tree on pear ave.
Saw a bird looked like an extra large
river or a small female La. Tan-
ager. appeared to raise its crest.

Heard Kingfisher mentioned often
lately nearly every evening ^{we} saw
him about Sept 9 about dusk. Seems
to roost in evergreens at night.

Sept 9. Shot 5 Forester's Terns
^(10 shells fired & some birds wounded)
at swimming place. After 1st,
one fell many of them flew about
watching it. Dog got 1st & 2nd at once
then 3d, then 4th & a long swim after
5th that was wounded. Used corn
meal in skinning, 2 on 9th & 2
on 10th & 1 threw away 5th. all

1895

but one appear to be males & evidence of sex was doubtful in all.

The supposed female has a longer forked tail & lower mandible of bill very slightly shorter than that of the other four, & plumage on back is more pure color. Legs fleshy yellow like one of others. Had not molted so far as other four, so I could not tell by 2d. primaries in wings whether 1st or 2d was the longer as the 2d. primaries were $\frac{3}{4}$ grown. 1st primary in other four longer than 2d. primary, which may be the rule with all Terns as I have not looked up reference.

Sept 15. Shot a W. Sav. Spar. on Watrside dike & dog spoilt him. Dog caught a wing-tipped Sandpiper with brown back ^{and} ~~or~~ mud-green legs. Shot a Forster's Tern in fine plumage & hit the partner: the others roosting & catching fish alternately

61
on states r mud flat at & would
have come up slough with tide
shortly, but I hadn't time to stay.
Peppered a Shrike on thistles on
bank. Saw yest. what I supposed
was (the first arrived) Aud. warbler
& Olive-sided Flycatcher on
dead pine by trunk but had
no gun. Saw Wood Pewees
week ago & think I heard West.
flycatcher to-day. Yest & to-day
got glimpses of a "vigors?" wren
under hedge by big tanks, but
appeared larger & browner.

Oct 6 Caught a female, young?
R-s. Flicker in study. Had come
down chimney as shafts were
sooty. Physical condition good.

Oct 10. Heard & saw Kingfisher 7:45
a.m. flying over my back yard.
"Crowned" sparrows arriving
everything gone but H. Finches.
W. W. Pewees & W. Flycatch. seen
" " " about Oct 1st & " later.

Oct 15. Game Law open. Fine
weather. ^(Rail closed 1893 + 1894) Between 35 & 40 hunters
on marsh (that I counted from train
after leaving Pacific ave. for S. F.
Some of them, I hear, got 10 or 12
there. Heard that many of rail
lit on rock wall of "creek" & one
man there got 11. The "Emerald"
with Ed. Taylor, Stanley Stephenson,
Lein. Palmer, etc. got 400 at
Belmont. Taylor said he had 2
small ones (Sora or Black) former
but they got lost in transit.
Homer Brown says he gave away
Lein. Palmer got 1 or 2 so Taylor
said. Jass Winant says he saw
some. Bliss says he gave away
2 that were $\frac{1}{3}$ size. The latter
were probably ~~so~~ Virginias.

Homer Brown expected to
have a boat load, & I saw him on
marsh Oct 20. & he had 1 com-
panion. Said J. Roos was

panos. Said J. C. ...
going out alone & I didn't have
time to go to his office 'til 3:30
found he'd just got a partner.
Boys, kids, city officials etc
making big bags on Island.

Oct 20 Got into my boat (last
one to be hired from Mats: be-
long to a man named Green.)
& began to rain & didn't let up
til 12:30. I landed N. of bridge
saw nothing. Picked up a float-
ing Red-bellied. Sandp. shot in ab-
domen. Saw 1/2 of Ala. sports on
Island & heard lots shots. Went
over with flood tide & got 2 of
3 big rats I saw & @ 12:30 saw
1st rail. Dropped oar & picked
up gun & got him. Got 2 more
that way & 3 got up behind
me b/c I cld get ready. Put
out 3 in one place & 1 swam
& I fired 2 shot at its head
but didn't hit it, though shot
fell all around. The head

1895
only, exposed when bird swims.
Saw a flock or two of "peeps"
& a ~~water~~ curlew. No ducks
etc. Tide fell rapidly. Had to
haul boat over 30 ft. to bigough.
Got 5 for 50¢ from a Dutchman
He had 12 shot with muzzle-load.
Traded 1 of my "shot in head" for
a good 1 to a hunter. Skinned
all Sund & Mon. & Tues. night.
Took 4 minus bodies to Mail-
liard & he said (was Tues) they
couldn't keep until Wed. night
which would be when his brother
could get them so I put them up &
think the Dutchman had been
saving them to sell as he told
me they'd made \$1.00. He had
17 that I selected 5 from. I had
8. Roos & partner (who was a man
of 35? & not Hopps whom he told
me was going) had 14 & I think
Roos did only the sculling. 1 of

their birds was a partial albino
 & they wouldn't give it or sell it
 & I am sure it was destroyed.
 1 man had 2; 1 had 3; 1 had 5,
 4 had 30 etc at float.

Big bags ducks shot at Suicum
 1st day & few on narrow gauge
 club preserves. None killed
 on Oct 20th, all scared away.
 no sport got over 30 & I doubt
 that many. No wind, rain or cold yet.

market men's season Nov 15
 to Jan 15. Regular season Oct 15
 to Feb 15. But I see teal duck
 served at Camp's perhaps!?
 brought in to be cooked.

Oct 27 Cloudy till 11. Right
 hammer never went off so
 I had to use 1 bbl. used #8
 smokeless from Pray. Saw
 no quail brush pile, meadow
 by High St & pear ave, but
 laid low while a flock of

1895

larks lit in tall horse weeds & gave it to tail enders on rise & missed. 2^{d.}, 1 on pear tree; 3^{d.}, feathers from 1 on apple in pumpkin along meadow pasture fence; 4^{th.}, in beets to E. of pumpkins, dropped a side shot with broken wing, set dog on it as she failed to see it fall & she flushed a buck hare & I took him on jump & broke hind leg & dog brought him in alive & squealing. Had onion stew for a week. Was in fine condition. Bourguignon said I should have saved blood; body full of it. Potted 1 quail by owl oak & 2 more ^{young} in at tree at one shot (6^{th.} shot missed a lark overhead, 7^{th.} & 8^{th.} quail just noted) Had 18 shells left & want 2 rams. & Eac there & I wanted him to beat briars & while waiting for him

Billy came from church &
 put on old clothes & put out
 lots birds & I fired 9 shells &
 got feathers from 2 & 1 other
 lost in thick briars. Albert
 & Valfrad sneaked along & got
 right in my usual line of
 fire between "grail oaks" above
 valley & watched in mute admi-
 ration until I discovered them
 & fired them out. Put up 9
 singly in pumpkin (in car-
 rot patch) & got 7; 1 got safe &
 the 9th hit. Got 2 very small
 goby. In p.m. fired 9 shots
 & hit 1 or two & got 2: they flew
 against setting sun & wilder
 than in a.m. 1 that I got rose
 swift toward the N. & dropped
 early; wounded, & took cover at
 under grass, against furrow of
 locusts & dog tried & failed to
 trail it. I stepped on it &

1895

ft. from wh. it lit. Saw a
sps hawk. Also a ♀ ~~Starling's~~
Woodpecker. Hundreds of Jays
about: never near so num-
erous.

Oct 29. Home with bad cold. a ~~D/S~~
Hawk in oak near my house. Took a
shot at it with Buck's n.g. rifle. Like the
hawk I got from him that the boys
call Cooper's hawk.

Nov. 3. Heavy rain during night.
Shot ♂ quail in mabel's lot. Got a ♂ in
squash s. of meadow & missed 3 shots:
the birds rose & flew past me. Got 4
larks, 3 of them on wing, 2 were high up.
& 1 of the 2 fell as if dead, but only wing-
tipped. Shot 1 of above lot fluttering,
hesitating about lighting. Missed 1 on
tree, broke a high one's leg, & missed 3 or
4 on long rise & side shots. Big band
quail rose from thick horse weeds
s. of Bartlett pears & flew to cypresses
back Faribald's. Could have potted

2 or 3 of outsiders but was waiting
for them to lay, scattered, tall
rose but one that was far out. Another
big band rose after them, from
near corner of orchard by Garibaldi's.
Got few feathers from 1 of 1st. band.
Forgot to say, in Squash just mentioned,
dropped quail & never found him.

None in Squash N. of quail briars
where I went 1st. this morn., but, on
returning after go shooting men-
tioned, flushed about 10 here & there
& got 3 hard shots & lost. Found
1 dead under 2 small oaks E. of
prickly oak on Smith's fence,
that I shot last Sund. A sps?
hawk chasing larks S. of meadow.
Hundreds of Tit larks continually
rising & spoilt Lark shooting by
scaring them or rising so con-
tinually as to confuse me seeing
Larks. Heard West. Goldfinch? &
this is several times this year here.
Think I overlooked their notes pre-
vious years.

1895

Nov. 10. Walked all over & saw
few quail back of Garibaldi's in
trees & opp. old house in orchard &
they flew out so I couldn't get a shot.
Fired at one, close range, in branches
& didn't drop him. Saw 2 in poison
oak in brush pile & got 5 in 1 shot.
1 male flew to Lincoln Ave with
3 or 4 shot holes & broken leg. Got
1 more in tree overhead & quit.

Nov. 24 Had bad luck shooting
back in orchards & to meadow &
got 3 or 4. Quail in brush pile
& I didn't want to get them so let
them alone. A band along corn
stubble along Smith's fence flew
into Palmers & a lot in briars
of "farther quail oak" flew around
corners & I got 1 in briars. Dog
wouldn't work but got a grouse.

Dec 1st. Didn't go out. Allie sick.
A sps hawk got 2 small chipmunks
to Dec 5. Is chasing flickers & making

them squeal to get away & then
they light on top of a tree & call.

Nov. 14 Forgot to say, saw few
few Coots & 2 Pied-bill Grebes &
a Ruddy Duck in pond along
road in Gold Gate Park. Lots
Anna's Hummers in acacia brush
near ocean. Looked at aviary.

Spurred Towhees, Brewers Black-
birds, Gambels, & Cal. Quail etc.

Dec. 5. Saw a few Fla. Gallinules
in C. Nauman's also some swans.
He don't go by plumage to tell old
birds, but feels windpipes which are
hard in old ones. A fine ♂ Hood.
Merg. later. Bloody & mussed.

Dec. 8. Big band quail along trees
back of Garibaldi's. Flew into cy-
presses as usual. Missed 1 on fly of
a band of 7? hiding by apple abe.
pasture gate under a dead plum.
Missed 1 flying from owl briars.
Got 1 in oak over Smiths fence & 2
in cypresses. Before I shot saw
a hawk swoop thru cypresses

1895

chattering. Gave him a long range
dose as he sat on bare limb of oak
opp. S's. but didn't hurt him much.
Dec 15 saw him again. Think the one
that got 2 small chips 2 weeks ago.
Started after quail back Garibaldi's
but there were only a few running
along $\frac{1}{2}$ way to Burgners. Put up 2
near Pear ave, & didn't shoot. Flushed
a $\pm$ Burrow. owl in (plowed field) S. of
E. $\frac{1}{2}$ of meadow pasture & bagged her
with broken wing. Saw few larks.
No robins yet. Lots jays, juncos etc.
" Townsends Spar. or Dwf. Wren.
Thrush observed yet. Saw several
West. Goldf. in wint. plumage last
Sun. Dec 8. Shot 3 quail by Smiths &
didn't get shot at more. Fired 2 shots
to-day. Few Eng. Sparrows now.
Dec 22. Flushed lots larks in open
near Pears & osage. Shot 1 on pear
& 1 on High St. locust. Big band quails
in asparagus & only 1 laid & rose
& 1 in old house. Missed him as he

recovered & flew to brush pile.
Dog got a blk grouse. Saw a
short-eared owl about sunset
by back road, flying high, evidently
scared by hunter on march.

1896

Jan 5. Bunch of quail in poison oak
in "brush pile". I did not bother
them. None in orchard until I
got to lower gate (apple Ave. & mead-
ow) & flushed 5 or 6 without a show
to shoot. Larks in beets by High
St. rose beyond range in a flock.
A Burr. owl flew up & I took a
"curve" shot at close range &
missed. About 40 flickers in
greenings & beets. No quail by
Smith's. Dog got a rabbit. Quail
in pasture too far. Flock rose
in beets along back road &
took to cypresses before I got
within range. Saw a Town-
send's Spar. in brush pile last
eve. Not a robin in sight.

1896

Jan 25. Fired at a big lark sitting on a clod in ploughed ~~lowe~~ raised end of meadow & didn't find him after getting over fence. Shot another on Heron pear ave & made skin. Big band quail E. of asparagus, in orchard. Could have shot 3 or 4.

Thousands of "cans" along narrow gauge track. Saw 1 bunch of several hundred thick as a bag of shot. A hunter on train had the head of a Gt. Blue Heron in very mature plumage; shot in C.C. Co. Neck whitish; head white with black crest. Bliss says he shot a Bittern (Am.) from a pair on Ala. marsh.

Feb. 7. on 5th 5:15 p.m. a ♂? sp hawk flew low, over here yards. Lots squawks this year in cypresses by stable. Never heard them talk to each other before this year. Same, as I've not shot any since last winter on 9th. @ Uncle Wm. Billy? hit a branch with a bird.

a branch with a brick, on which a high plumed & Eng. Spar. was sitting & stunned it from the vibration. Skinned it & found skull clotted with blood in its sinlets. Have seen 5 or 6 Robins & 3 Varied this winter.

Crowned Sparrows in 2 days ate all my small sweet peas. Saw no Bluebirds this winter. Few small hawk either. Have heard @ Farnside, that unseen bird I hear in the hills with the strange note, several times lately. Hear Barn Owls at dusk near house. Think they may abide in hollow oak on Lincoln Ave. near Pearl St. Have heard W. Goldfinches lately. A titlark faked a broken wing by deer pen lately. Larks came around West End vegetable gardens & marsh. Feb 6 while coming home from cemetery flushed a lesser scaup duck from pool off Webster St. toward speed track.

1896

Feb. 8. Saw sp hawk, mentioned on 7th.
Was in oak by stable door & made a
grab at pigeons on roof. 5:15 p.m.

Feb 9. Band of quail in beets in "veg-
etable garden, 10:30 a.m. Fired at 2
& got 3 band rose. Took 1 of 2 strag-
glers & dropped him. Looking for
more & saw a wing-tipped bird
rush for hedge. Fired at too close
range to hit him. Think this is
the one I dropped. A hen of 3 first
mentioned got out of pocket &
I caught her 2 ft. from hedge.
Scared a ♂ from dead apple
bough. Took him on run & when
smoke cleared I saw him heading
slightly wing-tipped for hedge.
He was going 10 ft a jump & 3
jumps a second & the hardest
mark I ever shot at. Missed
him. Got a hen from a flock
in cypress S. of towhee briar oak
& hit another in cypress S. of tur-
nis & across road. Shot a ♀ robin

on pear on 1st ear ave. Few very
wild larks.

Feb. 11. G. Nauman had alive in
coops at store, 2 wild swans, lot
brand & white-fronted & snow
geese. The last geese in some
case were mottled as if crossed
with white-fronted. All were
tame. Evidently snared.

Feb 23. Shot a -- crowned spar-
row near my house. sides of crown
chestnut-brown. Center of crown
neither, yellow nor white. Bird rather
under size. Didn't feel well enough
to make skin before too old.
Shot another & a ~~S~~ Towhee that
were not killed. #22-shot-cartridge.
Larks & Flickers appear to
mate this month.

Mar 15. Saw a varied Robin & a
Dwarf Herm. Thrush, mates respectively
for season about 6 & 2. Also a Vigors
wren, chattering harshly. Plain Tits
must have eggs, but, I can't locate
nests. Flickers been "chuckling" like

hawks for ¹⁸⁹⁶ about 3 weeks.
Mar 21. Saw a pair Ruf. Humms.
think building. obtained a 6 ft. view
of ♂ sitting on dead twig of cypress
(S. side) of one rr. of one opp. tennis,
& he looked guilty, as he sat several
seconds. Plenty of Purp. Finch
notes heard lately, a short, pleasing
"Bluebird" purr. A few jays re-
maining to breed; Bryant re-
ports, ^{taking Rufous-crown. Spar. ♂ & ♀} ~~Cal. Vult.~~ mated; & Lut. W.
common. O. Towhees mated &
uttering their "Chir-rr" & seldom
"che-wee". These & the Calif. are
late to roost. House Finch here
sparingly. A record (S. F. Ex-
aminer, last week) of a Cal. Vult-
ure passed in a gorged condition
near Chico. Am sure I heard
Chip. Sparrows on 20th. & perhaps
a song or two I didn't recognize
were some species of warblers. Saw
a Sam.? Song Spar. one day last

month, 1st or 2d. this winter. 79
3/25 Bryant & I drove to Wild Cat
creek. Saw: 1. Lark Finch, 2 Gambels
Sparrow, 3 Gold-crown. Spar. & song,
Black Phoebe: 4 Eng. Spar., 5 Annas
Hum. of which he shot 6 including 1
♀, 6 Cal. Hum. two ♂ & 1 ♀ shot & more
seen. Heard that song like a creak
of a hinge, they make. 8 Or. Tow-
hee heard: Bryant says he used to
call them Spurred. 9 Cal. Towhee
seen & shot. 10 Ark. Gold. 11 Lut.
Warb. seen & heard; song a trill.
12 Pil. Warb. heard. 13 Wren Tit
often heard; found from Bry-
ant that this song I had so long
tried to detect performer was being
made by them. (The quick chip-
chip-chip-chip. chee-ee-ee.) 14
Vigors wren often heard chatter-
ing & singing. 15 Cal. Jay seen.
16. Blue-front. Jay (Bryant says
not Steller's) heard, Chattering,
twice. 17 Huttons Vireo heard

3 times. Bryant says he has taken
eggs @ Mt. Diablo. Says Vigors Wren
breeds in hollows in trees & in banks.
especially where there are roots.

18 Ho. Finch seen & heard. 19 P. Finch
heard. 20 Juncos seen. 21 Bush
Tits numerous. 22 Cal. Thrashers
heard uttering rich babble. 23

S. S. Spar. singing. I let him
over cliff by rope under arms
& one lashed to rock he climbed.
No signs of Horn. Owls. Too many
picknickers. Found 1 feather from
face of Barn Owl in rock hole.

24 Meadow lark seen & heard. Looked
(25 B. w. B. l. still in flock) (26 Flickers)
for Red-tails nest he knew for years
(27 owl. Horn. Thrush seen)
but was gone. Didn't have time
to go to rocks to S.E. Could see
Sheep Island, San Pablo Bay etc.
Says he ^{has} gotten eggs from Red-tails
nest (I saw bird on @ Mt. Diablo
last year) by using scoop from
above; & that they breed on cliff &

also a Cal. Gold. Eagle in accessibility
with ropes etc. Has taken 2
sets Prairie Falcon on mt. & has
4 or 5 sets. Cut into a w-t. Swift
nest I found it just built. Knows
several places for Horn. & Barn
owls there. Saw a w-t. swift
he mounted (flying) shot by
Jack Cadman recently, also a
lot of Hummer he does very well.
Alexis has long straight tail shafts
not so wedge shaped as Flicker &
Rufous has notch in tail. He thinks
" are only older birds.

Mar. 24 Heard West. Flycatcher
& one or more up to date daily
to 3/27 when I heard 3. Seems
earlier than 1895. 3/26 a S/s
hawk made a dive for small
chick. then went for him.
3/27 a robin on poplars. 3/26
& 27 heard trill of Lut. Warb. &
I never knew what it was till
out with Bryant, as bird is too
shy to observe, unless you are quiet long

1896

3/24. Parkman's wrens here looking for nests. 3/31 Heard a Bull. Oriole. Kinglets here yet & aud. Warblers. Heard a low note of Jay in cypress in corner my yard. - like the quack of a wild duck, only, soft & warning-like, not at all like its croak. Catbirds uttering their "chirrrr" & occasionally "Chewee". 3/30 Large flock of Ho. Finches in bellflowers. Plmtg of W. Flycatchers about. Seems the original pair return to the orig. spot every year. 3/29 Heard song of, Yel. Warbler?. Ark. & West. Goldf. arriving.

Apr. 2. Heard Grosbeak singing. Have been home all week & this is first one heard & must be just arrived. Detected a L. B. P. Finch in "♀" plumage singing & Bryant shot / similar circumstance. Says shot a ♀ Gambel's Sparrow appeared by plumage to be a bird of the same. Says 1891 or 1892 -

Stuolab. Warb. in pasture.

4/4 8 a.m. to 7:20 p.m. on road
to hills near San Ramon & return.
Saw few pairs Ark Sparrows, Gambel's
House Finches, Ark. Lam. Goldf.
along road, also Jays, Brewers &
Redwing Blackbirds. I notice a
habit of males of latter, rising
& descending with raised feathers
on backs. Larks appear nesting.
Helped Wheeler get 4 Per. Falc.
eggs from rocks & wrote a full
description in data book. Saw
a few T. Buzzards & expected
to find eggs in some of small
caves in the numerous ridges
of rocks. Flushed 3 Barn Owls
singly but found no nests.
Mrowie took sets here for-
merly. Bones of small quad-
rupeds at backs of rocks in
profusion, bleached by sun.
Rocks of sandstone formation
& wind seems to have made

1896

3/24. Parkman's worms here looking for nests. 3/31 Heard a Bull. Oriole. Knights here yet & aud. Warblers. Heard a low note of Jay in cypress in corner my yard. - like the quack of a wild duck, only, soft & warning-like, not at all like its croak. Catbirds uttering their "chirrrr" & occasionally "Chewee". 3/30 Large flock of Ho. Finches in bellflower. Plnty of W. Flycatchers about. Seems the original pair return to the orig. spot every year. 3/29 Heard song of, Yel. Warbler?. Ark. & West. Goldf. arriving.

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to have had going. Saw several
Hudob. Warb. in pasture.

83

4/4 8 a.m. to 7:20 p.m. on road
to hills near San Ramon & return.
Saw few pairs Park Sparrows, Gambels
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along road, also Jays, Brewers &
Redwing Blackbirds. I notice a
habit of males of latter, rising
& descending with raised feathers
on backs. Parks appear nesting.
Helped Wheeler get 4 Per. Falk.
eggs from rocks & wrote a full
description in data book. Saw
a few T. Buzzards & expected
to find eggs in some of small
caves in the numerous ridges
of rocks. Flushed 3 Barn Owls
briefly but found no nests.
Mrowie took sets here for-
merly. Bones of small quad-
rupeds at backs of rocks in
profusion, bleached by sun.
Rocks of sandstone formation
& wind seems to have made

hollows & caves in them by
friction. Beds of caves sandy.
Saw & heard Parkman's wren
probably nesting in hollow
trees. Heard Cal. Thrashers
& other songsters. Nothing but
Raptors on tops of hills about
rocks. "Cedrus" on n. sides.
Maiden hair & other ferns in pro-
fusion & thinner species of wire
fern not rare. Reddish soil
thick with sage brush of green
leaf with offensively strong smell
& ordinary sage. Saw a Red-
tail chasing a Swainson's or
a young Red-tail. Saw a dead
T. buzzard in Castro Valley. A-
bout color of Gold. Eagle & glossy.
Heard Bullock's Orioles & B-h. Gros-
beaks in canon. 1 Hummer near
top of mountain. Saw 1 Cliff &
1 Barn Swallow, probably first
arrivals. Lots quail in canon
not as if shot out of season. Cal.
quail abundant.

Towhees abundant.

85

SEE NEXT BOOK

SEE NEXT BOOK

55 Towhees per hundred
collected

326.376.377.

244.246.252.280 to 287.290.318.320.

Quart-back. Thrush. 150.187.214 to 218.

261.329.378.

35.41.81.92.133 to 136.140.188.220.

Col. Buck. Tit. H. 5.10.14 to 23.34.

Index, 1895, Con.

313? 348. 349.

West. Chipping Sparrow 12. 13. 93. 97. 190. 269. 311.

Samuel's Song " 49. 118. 10720. 148. 168. 169.

176. 199. 213. 213½. 245.

Spurred Towhee 9? 47. 104? 146. 181. 183.

263. 316. 321. 322.

Cal. Towhee 1? 2? 7. 8. 44. 45. 96. 103.

104? 129. 143. 144. 159. 179. 189. 195. 221 to

223. 249. 262. 266. 288.

Eng. Sparrow 14. 36. 39. 40. 52. 53. 87

1090. 105. 136½ to 139. 141. 260. 268. 295. 315. 350.

Black-head. Grosbeak 160. 241. 255. 327.

Cliff Swallow 65. 77. 177.

Tree " 66. 67. 123.

Cal. Shrike 75.

Warbling Vireo 219.

Yellow Warbler 173. 247. 289. 313?

Warbler? 328.

Rock Wren 373. 395. 396.

Lute " 335. 336.

Parkman's " 51. 84. 106. 185. 186. 194.

314. 351. 352. 358.

Plain Titmouse 91. 98. 145.

Cal. Chickadee 76. 127.

Index 1895, Con.

West. Redtail 3? 28.

Cal. Screech owl 16.

Anna's Hummer 15. 47? 83. 100. 130. 198.

Allen's " 32. 33. 48. 50 80? 126?

128. 151? 242? 243? 251?

Rufous Hummer 101. 151? 184. 242? 243? 251?

Black Phoebe 267.

West. Flycatcher 24? 102. 142. 180. 193. 224.

253. 265. 319. 379.

Cal. Jay 6. 11. 27?

Bicolored Blackbird 340. 341.

Yellow-headed " 342. 343.

West. Meadow Lark 29.

Bullock's Oriole 25. 26. 60. 99.

Brewer's Blackbird 54 to 59. 62 to 64. 73. 74.

110 to 117. 124. 149. 174 to 176. 211. 212. 291 to 294. 296.

House Finch 24? 31. 37. 38. 46. 61. 82. 85

86. 107 to 109. 127. 140. 161 to 167. 171. 178. 178 1/2.

191. 200 to 210. 245. 256 to 259. 297 to 306. 317.

West. Goldfinch 69? 70? 71? 152. to 157. 172.

225. 240. 270 to 279. 323 to 325.

Arkansas Goldfinch 30. 79. 94. 95. 312.

INDEX 1895.

Tufted Puffin 417 to 420.

Pigeon Guillemot 407 to 416. 433 to 436.

Cassin's Auklet 381 to 388.

Pied-billed Grebe 344.

Cal. Murre 359 to 361. 321. 322.

West. Gull 362 to 370. 323 to 332. 338.

Farallone Cormorant 371. 372. 397 to 402.

Brandt's " 355 to 357.

Baird's " 403 to 406.

Ashy Petrel 389 to 394.

Great Blue Heron 72. 78. 125. 196. 197.

Green " 330 to 331.

~~Black-crown Night Heron~~ 121.
Cinnamon Teal 345.

Green-winged " 347.

Fla. Gallinule 346.

Cal. Clapper Rail 147.

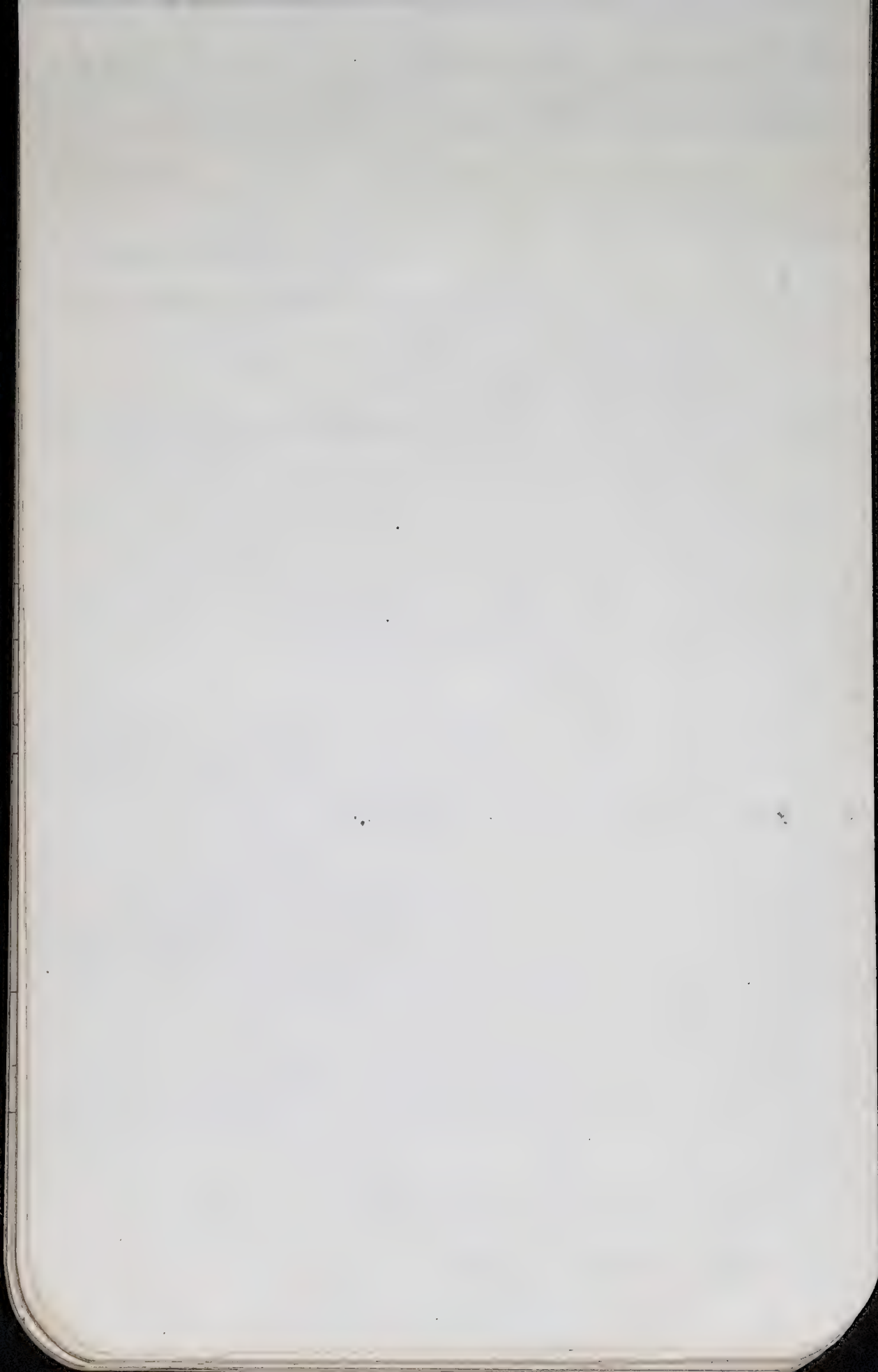
Am. Coot 337 to 339.

Cal. Partridge 43. 131. 132. 132 1/2.

182. 192. 248. 250. 264. 308 to 310. 316.

322. 353. 354. 374. 375. 380. 437.

Mourning Dove 68. 307. 332 to 334.



437) 7/28 Tal. Part. 12 deserted eggs.
Bibb J. says originally 14. Nearly hatched.
In clump thistles near moss-covered oak
in middle of brush lot. We cut thistles
several weeks ago & bird left.

438) ~~West. Gull, omitted in above~~
list. ~~49 1/2 Fr 2~~ 7/8/95 slight
to Stone 8/95

- 1895 -

West. Gull continued
to Johnson 1/23/96

425) ~~49 1/2, R2, 7/8/95, fresh~~

426) " B2, " , large emb. ✓

427) " B2, " , slight. ^{to Johnson} 1/23/96

428) " L2, " , " .

429) " P2, " , " ^{to Johnson} 1/23/96

430) " A2, 7/10/95, added.

431) " 2KK, 2 & 3, 7/8/95. small emb.

432) ~~49 1/2~~ traded 1/10/95 added 7/10/95. other too far ad-

vanced to blow. Had water maggots

July 21: threw it away.

(see omission, #438)

Pigeon Guillemot continued

433) ~~XXXXXX~~ sets of 1, thrown away a/c
damage extracting embryos al-
most hatched, July 21.

434) nearly hatched 1/1/95 #434

435) " " nicked hole. 1/1/95 #435

436) 29, #2, slight, mate discarded July
21 a/c damage extracting full sized
embryo. to Stone 8/95

on islands, who collected them last week
in June, except, probably 414 to 416.

Eggs all found in hollows & crevices
in rocks & on "gravel" & sand.

For data for others blown later see
further on.

417) Leaft. Puffin $1/1$ 1895 large emb. & rotten

418) " " $1/2$ 1895 " " "

419) ~~to Stone 3/15~~ " " $1/3$ 1895 " " sound.

420) " " Almost hatched. Ruined in
blowing 7/21/95.

Collected by boys on island last of June.

421) Cal. Murre. ^{to Rutherford April} large hole. Green, blotched, etc.

422) " " white. Red-blotched

mtd respectively 30a $1/1$ by Wheeler 7/10/95

large emb. & " " " " "

#421 to Rutherford April 96

423) West. Gull, all on "Gull Flat."

49 $1/3$, $2 \frac{SS}{3}$, 7/8/95, small emb.

424) 49 $1/3$, " , P₃, slight.

1895

405) Baird's Cormorant. July 10,
interior of island on a small cliff.
1236, 1/3, I 3, small emb.

406) Baird's Corm. more advanced
than preceding 1236 1/3 7/9/95. small emb.

The Bairds breed by themselves, not in rookeries.

this set to Mallory 10/24/95

407) Pigeon Guillemot. 29 1/2, 2 mm,
Pacific Coast side, slight.

408) 29 1/2, H2, advanced.

409) 29, A 1/2, 7/9/95 (on one added,
on other advanced.)

410) 29, B2, small emb. on one, nest dirty

All the above taken by Wheelwright 8th 9th

411) 29, 1/2, #9, begun. On one was foul.

412) 29, 1/2, #5, slight " " yelked

413) 29, 1/2 on one added

" " was foul long 299 open pores.

414) 29, 1/1, slight #414

415) 29, 1/1, " #415 to Johnson 11/23/96

416) 29, 1/1, fresh to Sowers 11/26/96

#411 to 416 inclusive obtained from boys

396). Rock Wren 4 highly incubated &
stale. Delia broke 2 with dishes.

- 397 Farallone Cormorant. 3, incub.
begin. ~~120c $\frac{2}{3}$~~ July 10 to mallory ^{10/24/96} $\frac{1}{3}$
398) slight. ~~120c $\frac{2}{2}$~~ " " to Johnson 1/23/96
399) 3, " ~~120c $\frac{1}{3}$~~ " " " Sherrill 8/10/96
400) 3, " ~~120c $\frac{4}{3}$~~ " " " " "
401) 2, " ~~120c $\frac{5}{2}$~~ " 8 to Johnson 1/23/96
402) 3, " ~~120c $\frac{7}{3}$~~ " " slight
~~403)~~

all taken from rookery on west end.
1 or 2 eggs in all nests except 3's above
set forth & 1 of 5 which Wheeler won
on toss-up, & 1 of 4 that Parmiton got.
Some nests vacant. Nests of decayed
sea weed & guano.

- 403) Bairds Cormorant. 2 runts; larger
marked ~~123b $\frac{1}{2}$~~ small emb., smaller,
~~123b $\frac{1}{2}$~~ fresh. July 8, on cliff 30 ft. from ocean.
404) Bairds Corm. July 9 from
"Raven" Cliff. Identity doubtful.
2 eggs, 1 having been broken by W.
~~123b~~, high up, 2 ex 3. Slight.

1895
Farallone Islands

Collected by R. S. Wheeler July 8, 1910.

- 381) Cassin's Auklet. embryo forming 16 1/1
382) " " " " 16 1/2
383) " " " formed 16 1/3
384) " " " forming 16 1/4
385) " " {Rutherford} " {nest stained} 16 1/5
" " {Apr 96} " {hole off center}
386) " " " to Peabody 1/27/97. " nest cracks. 16 1/6
387) " " " to Johnson 1/23/96 " poorly blown 16 1/7
388) " " almost hatched. Ruined
in extracting embryo, 7/21/95.
389) Ashy Petrel. slight. 108 1/1 7/8/95
390) " " small embryo. 108 1/2 7/8/95
391) " to Grandall 10/5/95 slight (red meat) 108 1/3 7/8/95
392) " to McIlhenny Sept 95 " " 108 1/4 7/10/95
393) " to Harris 12/31/95. " " 108 1/5 7/10/95
394) " " almost hatched. Ruined
in extracting embryo, 7/21/95.

- 395) Rock Wren. 6 fresh or slight.
nest of few straws & goat & mule hair. In
rocks. 7/5 3/6

from corner of briars next to Smiths
fence, on oak back his hen yard. Probab-
ly the same pair that built there 2 or 3
times last year & had young this year
as the nest was similar but perhaps
more hen feathers this time. Paper
scraps. Foundation started with green
blackberry leaves.

378) 6/30 C. B. Tit. of this year. Young
gone some time. 8 ft up on briars
on outside & about middle of clump
growing on oak back Smiths orchard.

379) 7/7 West. Fly. 3 highly incub.
left them. in hollow of a knot (same
place as 1894 or 1893) oak w. of turkey
root oak. Found by Billy J. I looked
at this place many times this season
but this is a late nest.

380) 7/14. Valley Part. 14, light
color. Embryos forming. in grass
under small pine near long limbed
cypress E. of ^{reared} Towhee briars. Found
by Billy J. 14/95

1895

371-372 Farallone Cormorant.
one egg each nest. Found between
to Stone 8/95
June 24 & 28 on Farallones by Wheeler
& given me ^{11/95} by Johnson from
his share. Fresh afc Gulls eating ^{2nd 95} daily.

373-~~374~~) Rock-Wren. same
data as above. Fresh. ^{11/95} ~~12/95~~
last one was so old that it popped
on blowing.

374) 7/1 Val. Partridge 14 eggs; small
embryos 15th egg broken in nest,
probably by cows. Found by Billy
J. near pine n.w. of briar clad
oak n.w. of tennis, close to #131.
^{14/95}

375) 7/1 Val. Part. Shells showing
eggs hatched. 4ft high oak between
locust & pine, near #374 to south.

376) 8/3 R.-b. Thrush. 2 1/2 ft. from
ground in small elm shoot among
a thick clump, beside oak on s. side
of shell road by gate. Perhaps robbed.

377) 8/5 R.-b. Thrush. Party dislodged

358) 6/23 Park. Wren. Young have gone,
15ft. up. in stub of big oak facing dining
room window.

359) 6/19. Cal. Murres. While Johnson
& I were looking at Barlow's eggs &
skins, man on sloop gave us eggs &
I took only 1. "Sloop" 95

360) 6/28 Cal. Murres. whitish egg
from Marriott, ^{#360-1895} collected by Tom
Bennett on Farallones between 6/24 & 28.

361) 6/13 Cal. Murres. 48 eggs
bought of Wilson & Baechtel 22 1/2¢ doz.
Some mtd 95, some 1895.

362) ^{to 370} W. Gull. Taken 1st week in
May by "Anton", says on coast
by Point Reyes. Cormorants
all incubated & left them.

~~361~~ sets mtd. as follows. 1/2 95 -
2/3 95 - 3/3 95 - 4/3 95 - 5/3 95 -
6/3 95 - 7/3 95 - ~~7/3 95~~ 8/3 95 - 9/3 95 -
for incubation ~~nest~~ see other book.

A pile of sticks & weeds & see a weeds for
nest, generally filthy, on rocky shore.

— over —

1895.

#84, oak by orchard gas house.
Thought bird had deserted place after
being robbed, & they were very quiet.

352) 6/12 Park. Wren. Just built
saw no birds. Low, long hollow in
oak opp. library.

353) 6/18 Val. Part. Found by Billy J.
14, nearly hatched. In grass, with cow.
By pine e. of owl oak briars. ^{Cow demolished it -} Left to hatch.

354) 6/15. Val. Part. 1 egg on ground on
to W. Hill 2/4/97 opposite side of meat safe fence as #309.

355) 6/20 Brandt's Cormorant. By
³⁵⁶Wheeler & mailard in rocks in Carmel
Bay, Monterey Co. W. gave me 1
set as int. on \$1.50 & 2d set for skin-
ning West. Full & 3d set a/c, broken
& discarded.

#335 mtd ^{33/4} Small embryos ^{Kept 3/11/96}

#356 " ^{K/3} incubation slight

#357 ^{29/4} ^{to 5/10/95} " heavy 4th egg broken.

All found on rocky islet (hundreds of
Brandt's only, breeding) 200 yds. from shore
of Carmel? bay, June 18. Nests a circular
wall of sea weed to keep eggs from rolling.

347) 6/4 Gates Ranch, Fresno
~~Green-r. Teal.~~
7 eggs. Blew 5 or ^{with my all drill -} trouble with
6th & put 7th to soak. Bill broke
8th. 1 rotten & others nearly hatched.
Said bird was sitting on them.
Flushed " & eggs warm. In patch
of weeds in unplowed corner
of grain field. 7/95
to McElhenny Sept 95

348) 6/12 Ark. Goldf. found 2 days
ago by Billy J. who in showing it to
me to-day disregarded my command
not to finger it & dented 1 egg. Last egg
laid to-day. Gft. from ground in
meat safe oak. 7/95

349) 6/12 Ark. Goldf. just built. Lince
tree. never saw birds. seems robbed
or deserted.

350) 6/12 Eng. Spar. 3 young & 2 eggs
about to hatch. Palm in centre of
square bed opp. music room.

351) 6/11 Park Wren. Young birds
same situation & same nest.

Niles Swamp 6/9/95.

332) M. Dove in willow over water 2 young
able to fly.

333) M. Dove. In willow over water. Bird on nest.

334) " " " " " " " " " " " "

335) Tule Wren. young birds.

336) " " W. tore down about
65 nests yest. & he & I about 50 today
all empty.

337) Coot. 6 pointed eggs: ^{6/9} incub. ^{Small embryos} in most advanced.

338) " several empty nests.

339) " " sets taken yest. by W.

340) Bicolor b. b. W. found 3 empty
in dock weeds.

341) Bicolor b. b. W. took 1 or 2 sets yest.

342) Y. h. " " " " 3 or 4 " "

343) " " " " " " 2 or 3 sets.

344) P. - b. Grebe. W. took set yest.

345) Cin. Teal. Gamekeeper took 1 rot. egg for W.

346) P. l. Gal. W. found yest & said were
Rail but I identified eggs. A floating
nest in grass. Stepped on nest & broke
it out of Y & didn't see bird well.

Niles Swamp 6/9

323) ~~W. Goldf.~~ 5 fresh. ^{n/5 294} 8 ft up in willow

324) " " young birds flown. " "

325) " " empty. Rimmed with yellow ^{coons} in willow.

326) R.-b. Thrush. 4 ft up, in willow 1894?

327) B.-h. Grosb. Robbed? 6 " " "

328) Warbler. Large nest 10 ft up in crotch of a large willow in water. Made of whitish stuff. Found empty by Wheeler 5/21. Deserted.

329) C. B. Tit. 6, lightly incub. 3 broke in blowing. Grey-brown nest - ^{n/3/6} no lichens. 11 ft up in middle of a willow. Probably same pair that Wheeler got nest of before.

330) Green Heron. 1 young bird peeked over rim 25 ft. up in a giant willow in water.

331) Green Heron. An old nest close by & found before, empty, by Wheeler.

- 1895 -

from oak s. of engine house
forming a fork 25 ft. from ground.
two feet below this fork, in the live
limb, is a split ~~showing~~ ap-
pearing two or three feet long
and just large enough to allow bird
to enter.

~~320) 6/31 Val. Part. 10 eggs. 6/1~~
~~11 eggs. 6/4 same. Dupl. of #310.~~

320) 6/2 R. - b. Thrush not quite
finished. 8 ft up in briars of hither
quail oak. 6/8 deserted

321) 6/8 S. Towhee. 3 eggs. 1, largest &
longest I ever saw. other two usual size
& 1 addled. 2 nearly hatched. 9 or 10 ft
up (in s. side of oak) in briars, behind
Smiths hen yard. Think same pair as
#231-2, 1895. ~~3/95~~ Soaked 2

322) 6/8 S. Towhee & Val. Part. 4 Towhee
& 1 V. P., incubation about 3 or 4 days.
Under briars s. of further quail oak. Flushed
bird. Thick foundation of dead blackberry leaves.
Eggs resemble those of #263 taken close by 5/26.

316) 6/2 S. Towhee & Tal. Part.
4 of former, evidently infertile as
latter had embryos. 1 small egg
& 3 very small. This is the 3d 1895
laying of one pair #42 & #146. Under
elm sprouts of elm on N. W. cor. from
garden gate. Never saw such an at-
tempt at nest: nothing but rotten
pine needles. Flushed bird. 2944 5866
11.05 114

317) 6/2 H. Finch. 2 birds about 2
days old, & 1 addled egg: in pine branch
leaning on oak over #316. Billy
climbed oak & bent limb down.

318) 6/2 R.-b. Thrush. 4 eggs 1/2
hatched. In middle mock-orange
along ivy fence. Nest not seen
on 2 previous searches. Placed
on outside of bush. 7/2/95

319) 6/2 West. Fly. have looked
on trees in brush pile, tank & en-
gine house for several years for
nest of this pair. Saw bird carry-
ing in a bug. A limb drooping

1895

310) 6/1 Val. Part. 10 eggs, in ivy
along meat safe fence, on garden
side, near corner. 6/2 1 more. 6/4
same. ^{11/25} to C. Barlow 4/6/95

311) 6/1 West. Chip. Spar. 15 ft. up in
N.W. cor. oak over garden gas house.
Flushed 1 young bird.

312 + 313) 6/1 Ark. Goldf. Found recent-
ly by Billy J. who showed them to
me to-day. Both in meat safe oak
1 on garden side, 1 on tank side; both
high up. Said they contained young.
Perhaps 1 is the Y. Warbler that I see
here every year.

314) 6/1 found previously. P. Wren.
Got Billy to pull out sticks, from
flicker excavation back of b. alley
bath room, just over windows. Couldn't
reach nest if there was one I haven't
seen the bird.

315) 6/2 Eng. Sparrows are monop-
olizing Cliff Swallows' nests on
stable.

304) H. Finch. 3 fresh, 1 pointed & long. Gave to Samson. A "canoe" - shaped nest, 7 ft. up in willow, between crotch & trunk. Across creek N. of farmhouse.

305) H. Finch. Eggs & nests in profusion in hedge (cypress) at farm house.

306) H. Finch. In open. Found by Samson in willow, 2 of young crushed by branch moving against nest, by wind.

307) W. Dove. 2 incub. begun. 7 ft., on willow fallen horizontally across creek N. end of tall willows. Bird flushed. 2/95

Alameda

308) 4/1 Val. Part. 11 fresh. Well concealed in "sour" grass under oak by orch. gas house. Flushed bird. Billy J. found it yest. with 10 eggs while riding mule. 11/95

309) 6/1 Val. Part. 1 fresh, on ground nearby just inside gate to meat safe. 1/3 95 see #354.

San Lorenzo, 5/30/95, Con.

296) Brew. B.b. 5 taken by Samson.

12 ft. up in clump of willows s. of
farm house where we tied up.

297) H. Finch. 5, incubation begun.

8 ft. up in horiz. branches of willow
3 ft. under a recently terminated
nest of West. Goldf. Row of willows
leading from "our" farm house to
dry gulch. 4/5 95

298) H. Finch. several recently
terminated nests along above gulch.

299) H. Finch. 4, incubation begun.
within easy reach in briars un-
der ^{n. end} tall willows, ^{4/95} E. side of creek.

300) H. Finch 4 fresh. within easy
reach in willow in open. 4/95

301) H. Finch. just built. Pear tree
near tiles.

302) H. Finch. more old nests in wil-
lows & briars.

303) H. Finch, sets, etc. found by Wheeler
& Samson boys.

Samson. Nest looks O.K., but birds like West. Goldf.

290) R.-b. Thrush. 5 or 6 sets taken by Wheeler & Walter Samson.

291) West. Sav. Spar. 4 almost out. 3 ft. from ground in tamarack near stules. Bird well seen. Nest mostly of stems & grasses. An old nest close to it of 895 make. Eggs like Samuels. 1 larger & lighter than other 3.

291) Brewer's B.b. 5 fresh taken from Nest #175 by Samson, & look fresh & like set Wheeler got from it 5/19.

292) 293) ^{Brew. B.b.} Set of 4 by Wheeler & set of 3 by Walter Sampson from #211 & 212.

294) Brew. B.b. 4, incubation blood-shot. 2 1/2 ft. from ground in tamarack, in field ^{6/4 95} E. of road along creek.

295) Eug. Spar. & Cliff Swal. former had lined a finished nest with grass, under eave of shed, 20 ft up, where we tied up. Only nest on this shed. 7 eggs, in all incubation 1/2 or more. ^{7/95}

San Lorenzo, 5/30/95. Con.

282) R.-b. Thrush. 3 eggs taken near #281 by Wheeler.

283) R.-b. Thrush, 3 fresh. about 5 ft. up in briars under tall willows ^(Yo maillard 6/23/97) of E. side creek. Bird on nest. Nest of dead leaves & grass. 3/95

284) R.-b. Thrush. 7 ft. up in similar position a little further south. 3, incubation 3/5. 3/95

285 & 6) R.-b. Thrush. just made. Wrt. 1 near above & other in cottonwood (2 there now, 1st one never occupied?) across creek from farm house where we tied up.

287) R.-b. Thrush. 4 eggs taken for Samson. 6 ft. in briars w. side of creek, N. end tall willows.

288) Cal. Towhee taken near by, by Samson. 4 eggs, look. fresh. Richly marked. 3 ft. up in briars.

289) Yel. Warb. 3? young 12 ft. up in willow in open. Found by

273) West. Goldf. willow in open
5 highly incubated.

273½ West. Goldf. taken by Samson
boys & Wheeler. 1 set 5 fresh & 5 of it
fresh which I carried for them.
Also 1 set of 6. many containing
young & many old (1895) nests.

274) West. Goldf. Saw female weaving
foundation around willow crotch.
N. of bridge 200 ft. E. side of road.

275) Many old nests recently in-
habited, all over.

276) West. Goldf. empty. 15 ft. up
a slim willow in tall willows, E.
of creek.

277) West. Goldf. just built. Willow.

278) " " several nests of young. ^{willows}

279) " " young. willow: dry gully.

280) R.b. Thrush. " just out. Briars. " "

280½ " " 4, incubation 3/5. cottonwood by
house N. end of dry gully. 4/95 to 6/95 12/97

281) R.b. Thrush. 3 fresh. Perched on nest.
Nest chiefly of grass. Cottonwood by
small orchard near tules. 3/95

1895

barn. Found by Billy J. 5/27 Albert
had his grandfather take it down for him.

267) 5/24 B. Phoebe. Wheeler & I went
to cistern back of Thompson's barn
& tried to get nest with fork & spade,
from circular ledge of bricks inside.
He met a kid at S. Lorenzo who
told him of this & he saw the eggs
yest. Some one had got them since
without demolishing nest. Another
nest in other cistern. Saw bird.

268) 5/26 Eng. Spar. Top of meat safe
oak. Left it.

269) 5/27 West. Chip. Spar. collected
(to stone with nest Aug 95)
at Fitchburg about 5/20 by Harry Shel-
don ~~to~~ gave to me. Nest in cypress about 9 ft. ^{11/4 95}

270) - San Lorenzo 5/30 -

West. Goldf. 3 fresh. Briars under
tall willows, E. side of creek. ^{7/3 95}

271) West. Goldf. ^{7/21/96} 4 fresh near above. ^{7/4 95}

272) " " 5 highly incubated, wil-
lows E. of road & parallel creek.

Diante try to get it. Found by Billy J.

262) 5/25 Cal. Towhee. About Built.
8 ft. up in bush with yellow trumpet-
shaped flowers, by ^{Top right 10/14/96} kitchen. 5/27 lined &
bird on it. 5/30, 2 eggs. 6/1 4 eggs ^{n/4 95}

263) 5/26 S. Towhee. 4 fresh. ^{to Karcher 7/11/95} under
low briars between the 2 quail oaks.
Bird rose & betrayed nest. ^{See #322} ^{n/4 95}

264) 5/26 Cal. Part. 22 eggs. Took 11
& found 6 were probably 1894 laying.
In prickles under sage bush in
triangular bed between street & r.
road. ^{22/95} 5/27 Took bal. & found
some stale. 11 traded Nov 95 ^{11/95 to Mills 9/11/96}

265) 5/26 West. Fly. Either just built
or has contained young, or last year.
In 1894 I looked for nest of pair calling
here - 12 ft. up, covered by ivy, on
a small stub of oak near S.E. cor.
big lawn.

266) 5/26 Cal. Towhee. 3 fresh. 8 ft up
on E. side of east oak of 2 oaks
left across back road S.W. from

1895.

~~256) 5/25. H. Finch 5 eggs, small
embryos. 29 Cornell campus 7/21/96
9 ft. up in seedling pine
near briar-covered oak N. W. of
Tennis. Nest of weeds lined with strips
of fine bark like flax. $\frac{1}{5}$ 95~~

~~257) 5/25. H. Finch. 5 incubation
just begun. Palm E. of summ. house.
Nest of weeds & grass, lined with
flax like bark. $\frac{1}{5}$ 95
to be about 11/27/94~~

258) 5/25 H. Finch. Palm East of
summ. house. 5 eggs, small embryos.
Nest composed like above. $\frac{1}{5}$ 95

259) 5/25 H. Finch. 5 eggs, good-sized
embryos. Palm E. of summ. house.
Broke 2 in marking & threw bal. away.
Nest of fine grass & rimmed generously
on outside with asparagus, still green

260) 5/25 Eng. Spar. Flushed bird
from 1 egg. Palm E. of summ. house.
Destroyed nest & egg.

261) 5/23 C. B. Tit. 20 ft. up in pine
branches of oak back of engine house

251) 5/25 A. or R. Hum. 2 pin-feathered young. Not quite 2 ft. from ground in pendile branches of oak where meat safe was. W. side. Nest round & well cupped & lichen'd. Have noticed birds for 2 weeks.

252) 5/25. R-b. Thrush. 4 young just out. Don't see how I missed this on previous searches. 3 ft. from ground in briars back of poison oak vine of oak back of S's. hen yard. Nest had lots chicken feathers like 2 found there ^{1 egg} 1/4

~~253) 5/25 West. Flyc. Eggs resemble #102 & #193. 3 fresh. 5/26 took it. n/4 95~~
~~W. eave of bowl. allry. to Kaeding 7/1/95~~

~~254) 5/25. West. Flyc. begun. S. side of new summer house, on ivy runner. to Maceliand 7/25/95~~
~~6/1, 2 eggs. 6/4 took set. n/4 95~~

255) 5/25. B.-h. Grosbeak. Found 5/23 by Billy J. 20 ft. up., far out, oak over plum ave. on E. side of triangle patch of shell roads. Didn't climb. 5/26 Birds there.

— 1895 —

up in willow. Looks as if both birds
built nest. 4 or 5 of H. F. & 1 S. S. S.:
found by Wheeler.

246) R. b. Thrush. 2 empty, along
creek.

247) Yel. Warb. Cal. Towhee, Swa-
low & B. b. Kids by R. R. track had
2 eggs former nest lined with red
cows' hair, 1 of 2 d. & 1 reddish of 3 d.
& some of last, to sell. Didn't want any
~~in~~ partial ^{up} and blown eggs.

248) 5/19 Val. Part. 1 egg found on
grass in orchard 100 yds. up R. I.
greenings. 1/1 95

249) 5/25 C. B. Towhee. 3 young sev-
eral days old & 1 addled egg which I
gave to Billy J. 12 ft. up, far out on
E. side of southernly oak of 2 oaks
W. of hen yards.

250) 5/25 Val. Part. 1 egg. incubation 1/3. In
a S. Towhee? nest top of ivy fence separ-
ating garden & clothes yard. 1/2 95

- 231) ~~to Johnson 1/23/96~~ ~~West. Gold.~~ 3 ~~fresh~~, in willow. ^{will begun} n/3 95₂
- 232) " " 3 fresh " " Left.
- 233) " " 1 " " "
- 234) " " 1 " " "
- 235) " " 1 " " "
- 236) " " empty - new " " "
- 237) " " 5, incubation ^{fresh}
In cotton wood sprouts. 3 ft. up. n/5 95₂
- 238) West. Gold. 5, incubation ^{fresh}
In willow. n/5 95 (to Maillard 5/28/95)
- 239) West. Gold. 5, incubation ^{begin}
In willow. n/5 95₄ (to Maillard 5/28/95)
- 240) West. Gold. 5, incubation ^{begin}
In willow. n/5 95
- 241) B. L. Grosb. Flushed bird from 2
fresh eggs: left them. In briars 8 ft. up,
w. side of creek. 5/30 2 young.
- 242) - Hummer. Old nest briars ^{on side} creek
- 243) - " 2 birds fledging. " w. side "
- 244) R. b. Thrush. new nest. 2 1/2 ft. from
ground in crotch of cottonwood across
creek from farm house.
- 245) S. S. St H. Finch. In "open" 5 ft.

#119/95 San Lorenzo

222) C. Towhee. 1 ft. from ground near smaller China shanty. Broken shells. In a weed, edge of water.

223) C. Towhee. 4 fresh. In heap of recently cut willow branches. Found it 5/12 & put it down as one of several empty Thrushes. ^{4/95}₂

224) West. Fly. found by Wheeler. 3 ft up in a split willow. 3 ^{highly juicy} ~~fresh~~ large-blotched. E. side of creek.

225) West. Gold. Didn't go up. 18 ft. in straight willow by dam.

226) West. Gold. empty. on outside of willows, E. side of creek.

227) West. Gold. empty. 10 ft up on big willow, E of creek along road.

228) West. Gold. 5 fresh 1 dropped out, as I was removing them, from purposely bent willow sappling E of road. Stone with nest Aug 95 ^{4/5 95}

229) West. Gold. ~~5 fresh~~ ^{to make a nest 4/5 95} willow. ~~4/5 95~~

230) " Gold. 5, incubation ^{2/3} ~~to John on 1/23/96~~ hole in nest let 1 egg into basket & broke. ^{4/5 N/95}
In willow.

sprouts, on E. side of creek above bridge

211) Brew. b.b. 2 eggs: left: in willow in open

212) " " 1 " " " " " "

213) Sam. S. Spar. 3 fresh $1\frac{1}{2}$ ft. from ground in "meadow" rushes. E. side of creek running along road. $\frac{1}{3}95$

213 $\frac{1}{2}$ S. S. S. birds almost fledged, W. side of creek by small China shanty. 3 ft. up in briars.

214) R. b. Throok. 3 fresh. $2\frac{1}{2}$ ft. from ground in willow in open. $\frac{1}{3}95$
(To Maynard 6/23/94)

215) R. b. Throok. 2 eggs: left; willows along creek

216) " " 2 " " " " "

217) " " 2 " " " " "

218) " " 2 " " " in wheel cache,
5/30, has been torn down.

219) Warb. Vireo. 4 fresh. Found by boys, in willow. Bought for 5¢ $\frac{1}{4}95$

220) C. B. Tit. 6 fresh. Bought for 5¢ from boys by wheelrr. boys had 2 sets Eng. Spar. & red Brew. b.b.s.

221) C. Towhee. 2 Broken eggs. Right side of Creek & 1 stale egg $\frac{1}{4}95$

1895- 5/19, San Lorenzo

201) H. Finch. Several old nests in willows.

202. H. Finch. 3 or 4 sets taken by Wheeler & 5 or 6 incubated left.

203) H. Finch. several nests 1 to 3 fresh eggs. Took 1. of 3 eggs & broke 2 of them. 1/195

204) H. Finch. Left 3 or 4 sets of 5 incubated eggs.

205) H. Finch. Several empty nests.

206) " " 5 or 6 nests of young.

207) " " 6 eggs. Embryos forming, in briars E. side of creek. 1/695

208) H. Finch 5. incubation begun.

Broke 1. Briars W. side of creek. 4/595

209) H. Finch. 5 highly incubated. Damaged 3 in blowing. Reddish blotches & spots. Flushed female from nest 5 ft. in willow shrub. E. side of road, & she staid near. 5/95

210) H. Finch. 5 looking comparatively fresh. Gave Wheeler. In hollow top of a sawed-off willow, concealed by

Eave of b. alley. 1/6 95

195) 5/16 Cal. Towhee. 10 ft. up in cypress row, s. side, near back road. Lining torn out, evidently by kids.

196) 4/22 Halls. G. B. Heron & fresh 1/4 95

197) " " " " " 4 " 2/4 95

my share from Ward. Know they are sets, as Wheeler marked them with 1 & 2 drill holes a/c lost pencil, & I blew them, about 5/8.

~~198) 4/19 S. Lorenzo. Ho. Finch~~

198) 5/18 An. Hum. 2 highly incubated. one broke in blowing: other partly blown. Found by Billy J. over water trough of milking coral and of F. Y. shell road 18 to 20 ft up on end of pine limb. Sawed limb off in 3 sections & bird on it almost to last. An 7/1 95

199) 5/18 S. S. Spar. 3 ft. up in briars n. e. cor. owl oak briars. Old shells of broken eggs. Look like last years.

200) 5/19 S. Lorenzo. H. Finch. Just built 2 1/2 ft. from ground in open field in a seed-covered dockweed.

1895
187) 5/15. R.-b. Thrush. 4 incub. just
begun. 8 ft up in N.E. cor. briars of
oak. N.W. of tennis. *n/4* To M.A. Johnson
Aug 3/96

188) 5/16 C. B. Tit. 5 stale eggs, 1 evi-
dently (6th) broken: stained. Large,
long nest. Eggs covered over, evident-
ly to receive another set. *15 ft up in oak in brush lot. n/4*

189) 5/16 C. Towhee. 3 5 ft up in "set
of 6 - 9 ays - oak" between shell roads.
Didn't climb, but threw stick & flushed bird.

190) 5/16 W. Chip. Spar. in same
oak 18 ft. up. Looks new. I forgot
to look again but it might have held nothing.

191) 5/16 H. Finch. 1 egg. Palm E.
of sum. house. Later, 8/22 don't re-
collect what became of this.

192) 5/16 Val. Part. 1 egg, put in pocket
& broke. on grass, foot of orchard &
gate of pasture. Apple ave.

193) 5/16 West. Flyc. 4 fresh. E.
eave of bowl. alley. Eggs resemble
#102 in marks & large size. *see #253 - n/4*

194) 5/16 Park. Wren. 6 fresh N.E.

181) 5/15 } S. Towhee. 2 fresh. ^{588a 1/3}
182 } Val. Part. 3 " ^{294 1/18} 95

took 2 former. 2 Y. P. eggs in nest
T3d. 2 ft. away on leaves. Under
low briars & p. oak in long-berries.

5/18 1 more S. T. & 6 Y. P. (left 1 Y. P.) ^{Towhee has gone -} 5/19 1 more Y. P. - 5/26 4 more
Y. P. 6/2 14 Y. P. + 4 in nest. 6/7 took last 4.

183) 5/15 S. Towhee. 4 eggs highly
incubated. Tested 1. 2 1/2 ft. up in
briars N. of owl oak. Saw bird fly,
10 ft. from it.

184) 5/15 Ruf. Hum. 2 fresh. 11 ft.
up on a crotch formed by ivy
spray & a curved stem of leaf,
~~found~~ under trunk of inclining
oak near S. W. cor. big lawn. Fe-
male red on back: sides of body
green. ^{R n/2 95} to Sower 11/26/96

185) 5/15 Park. Wren. 6 fresh.
In smaller wood shed, middle of
lower cave. ^{n/6 95}. Eggs resemble #51.

186) 5/15 Same. Old nest in right cor.
nrr.

1895

175) 5/12 Brew. Bbd. 1 egg which
we left in willow in open. Several
nests old & several new, empty.
(5/19 W. got set 4)

176) 5/12 { S. S. Spar. several empty
Brew. B. B. same
nests in short willow in open along
creek. All in open were B. B. 5/19 1 stale egg in 1 (others not fully
1/1 95
built)

177) 5/11 Clif. Swal. another (2^d pair
this year) building on stable.

5/16 3 more started & several more
pairs selecting sites.

178) 5/15 H. Finch. 8 ft. up in oak by
Wm's. storeroom. Poked it down. 1 egg.
Gave it to Billy.

178 1/2 5/15 H. Finch 20 ft. up in above
oak. (Found 5/11.) Flushed bird by throw-
ing stick. Didn't examine it.

179) 5/15 Cal. Towhee. 1 egg. 10 ft. up
in S. W. side of oak over honeysuckle
on garden fence. Billy J. found it later.
5/18 4 fresh. Nest of wild (cut) hay & horse hair
4/95

180) 5/15 West. Flyc. begin. Old site on
oak, middle of croquet line. 5/16 a
little added. & then abandoned.

5ft. over creek in briars & willow. 2/3 95

160) 5/12 B.-h. Grosb. 2 fresh. 10ft. in willow over creek. 1/2 95

161) 5/12 H. Finch. 5, incub., embryos formed. in brambles growing on willows 1/5 95

162) 5/12 Same. 3 fresh. brambles on willows 1/3 95

163) " " 4 " willow in open. gave Wheeler

164) " " 1 egg. " & briars. Left it.

165) " " 2 " " " " " "

166) " " 1 " & 1 bird willow in open.

167) " " lots of empties, both places.

168) " S. S. Spar. 4 young. briars N. of bridge.

169) " " " 2 eggs. 3ft up in crotch of cotton wood opp. first house on creek. 1/6 95
(5/19 1 stale egg - left it.)

170) 5/12 C. B. Tit. 5 fresh, found by Wheeler 8ft. up in poplar in yard of first house.

171) 5/12 Several nests & sets of H. Finch found by Wheeler

172) 5/12 Am. Goldf. I took for Wheeler set of 5. look incubated.

173) 5/12 Yel. Warb. 4ft. in crotch of willow in open. 1 egg. left it. 1/4 95
(5/19 incubation well begun)

174) 5/12 Brew. Bbd. 1 egg on ground under willows in open 1/1 95

1895^{most}
& mangled. Nest containing few broken
shells in small bits, composed of dead
curly salt grass, under bush.

148) 5/12 Sam. S. Spar. empty nest in above ^{brush}

149) " Brew. Blkbd. Rifled nest in cypress. ^{Island}

150) 5/12 San Lorenzo Creek. R.-b. Thrush
2 or 3 fresh eggs, found by Wheeler
who dropped all but 1, in creek & put
1 & nest back, 5/19 took 1 stale egg. Cracked.
(5/26 to Billy Jenkins)

151) 5/12 Alt. R. Hum. 2 pin feathered. Brian
6 ft. up on edge of S. L. Creek.

152) 5/12 Am. Goldf. new nest. 10 ft in
^(5/19 didn't go up creek again)
willow sapling. S. Lorenzo Creek.

153) 5/12 Same. 15 ft. up, willow. 5 incub. begun

154) " " 8 " " " 3 " fresh
^{to Johnson 1/23/96} ^{n/5} ⁹⁵

155) " " 10 " " " 4 " "
^{to miles 9/95} ^{n/3} ⁹⁵

156) " " lots old & 1 new, in willows & briars
^{n/4} ⁹⁵

157) " " 1 egg & young birds. 10 ft up in
sprouts of willow by bridge.

158) 5/12 R.-b. Thrush 2 new nests along
S. Lorenzo creek & 1 or 2 more in
willows in open to southward.

159) 1/2 Cal. Towhee: 3 highly incubated.

bed between dining room & summer house. Threw them away.

140) 5/11 H. Finch. 4 fresh, in palm N.E. of summ. house. $\frac{1}{4}$ 95

141) 5/11 Eug. Spar. Pulled 1 egg out of Plain Titmouse nest that had young (#91 4/28)

142) 5/11 West. Flyc. 4 young, downy. 6 ft. up on E. side of hollow oak on lawn.

143) 5/11 Cal. Towhee. 4 pin-feathered. Top of briars N. side of oak N.W. of tennis.

144) 5/11 C. Towhee. 30 ft up in oak #133. Didn't climb.

145) 5/11 Plain Titm. 4 incubation begun. Billy J. broke 5th getting it out of hollow in oak S.W. cor. of barn ^{70th night 8/15/96} $\frac{1}{4}$

146) 5/11 S. Towhee. 8 ft up in cypress directly over #42^{4/10}. Think same bird as size eggs. Largest was hardly average size & fair sized embryo. 2nd & 3rd small & 4th very small (1/2 size) all fresh. $\frac{1}{4}$ 95 - See #42 & 316 -

147) 5/12 Cal. Clap Rail. Bay farm Id. 1 young black bird just hatched; dead.

1895.

132) 5/11 Cal. Par. 5/11. Billy J. & I looked for nest he found last week while trying to catch horse, in tuft of grass w. of cow corral, then containing 1 egg: without success.

133) 5/11 Cal. Bush Tit. 10 ft from ground in oak over path from Shree road to stable, where I found #46 & 79. 6 eggs, incubation apparently very heavy. Put nest ^{& brood was heard} & eggs back.

134) 5/11 C. B. Tit. Found by Billy J. 15 ft. up in centre of 1 of 2 small oaks on back road S. W. of barn. Left it.

135) 5/11 Cal. B. Tit. Young birds just gone 6 ft. in rose bush by Palmers porch.

136) 5/11 Same. Last years 15 ft. in oak in front Palmers house.

136^{1/2} 137-138 Eng. Spar. 5/11 in Palmers. In ivy on oak in front of porch. 6 highly incubation. 5 birds several days old. 1 nest recently abandoned by young.

139) 5/11 Same. 5 fresh. Palm in square

triple crotch of small twig of wild bush
resembling in leaves the pittosporum with
mottled leaf, slightly. This was cut down
& thrown across boggy path through swamp. ^{Nest}

127) 5/9 No. Finch. 5/11 ~~4~~ fresh 5 incub. by
12 ft. up in ~~the~~ pine limb hanging on oak
near elm - ~~n.e.~~ n.w. of big gate of garden.
to Birch 8/10/96 ^{1/5/95}

^{5/9} 128) All. Kingbirds 2, incubation over 1/2
just able to ~~fly~~ them. cypress on F. R. road
next (south) of one last year, #221. ^{Al. n/2 3/95}

129) 5/9 Cal. Towhee 3 birds & 1 egg in
crotch near trunk of above tree: ~~both~~
found by Billy J.

130) 5/11 An. Hum. 2 eggs almost out.
20 ft. up on w. side of cypress. w. of
cypress opp. tennis. mother green with
white rump. ^{Nest} on seed cones.

131) 5/11 Val. Part. found by Billy J.

(to Margaret 9/95)
131) incubation about 6 days. In
grass E. 10 ft. of pine N.W. of briar cov-
ered oak N.W. of tennis ^{13/95}

132) 5/11 Val. Part. 19 fresh found by Bill cut-
ting thistles in pasture. ^{19/95}

1895
from tangled brush & vines the
hollow ended willow limb, about 10
ft. long & 6 in. in diam., that I saw
before & found a woodpecker hole
near lower end. Tipped limb
so eggs, if any would roll back &
thus found birds, about 11 days old.

123) 5/5 Halls. Tree Swallow nesting
end of small, long branch 25 ft up
right side of path thro' swamp, a-
bout where you turn in for G. B. Heron.

124) 5/5 Halls. Brew. b. b. nest of
eggs far out on cypress that Wheeler
& I emptied last ~~visit~~^{visit} & I think
they do not invariably rebuild.
Couldnt reach it alone. One nest
had 3 birds & 2 eggs that had 2
eggs at our last visit.

125) 5/5 G. B. Heron. 13 nests in
tree far in swamp & near N. side.

126) 5/5 Halls. Allen's? Hummer. Found
new nest (may have had eggs, if so were brok-
en without leaving marks on nest.) on a

ored. 1 broken ~~4/5~~ 4 ex 5 95 Traded 9/95,
+ 103) Same. 5 ~~4/5~~ 95 to Reading 7/1/95.
104) " 4 5/4 95

105) " 5 dark & grackled-marked. 6/5 95
106) " 5 I had fallen from nest, incubation was
begun. Bal. almost out. 1 ex 7/5

107) Halls. 5/5. Brew. b. b. 20 ft. up in
gum tree didn't go up. Bird on nest.

108) Halls 5/5. Sam. Song Spar. Just
built, in swamp. Had a wing of dead
bird in it for lining.

109) Same. 3 ft up in briars where I hid
wheel. Lined with several of bird's
tail feathers. Composed (both nests) of
coarse, dead material.

110) Same. Last years. In swamp.

111) 5/5 Halls. Black-crown. n. Herons
Colony of nests deserted. Think they
are breeding further east, as, when
I left swamp for home the birds
were coming from that direction.

112) 5/5 Halls. Cal. Chickadee.
a nest full birds almost fledged.
Climbed willow where I found
1909 2 weeks ago & pulled up

1895

oak, at N. end. 5/11 empty. 5/16 ditto. Riley
J. knows it

~~98~~ ¹⁰⁵ Eng. Spar. 3 about fledged over sing-
ing house door.

~~99~~ ¹⁰⁶ Park. Wren, has nest in air window
N. side of E 1/2 of bowl. alley.
see #194

~~100~~ ¹⁰⁷ 5/4 H. Finch. 1 egg. 9 ft. in cypress
on road to bowl. alley, opp. Cherokee
rose. 5/11 empty & deserted.

108 5/5 Halls. H. Finch: 1 egg. 9 ft. up
over road in swamp, in a sapling broken
& bent back (~~by~~). Composed chiefly of spanish
moss, the handiest material at hand.

109. 5/5, Halls. H. Finch. a little lar-
ger than preceding, a/c position, in
branches 12 ft. up near #108 Didnt look up.

110 5/5 Halls. Brew. B.B. in ~~cypress~~ elder
tree by China cabin. about built 4/20.
4. ^{1/4 95} Traded 9/95

111. Same. in cypress. 4 "gay-colored"
^{2/4 95}

112 Same. 5 eggs. Long, narrow, small, light col-

~~92~~⁹⁹ 5/3 Bul. Oriole. 35 ft. in N. side of
N. gum tree along big tanks. Saw bird
enter & can hardly see nest from below.
Male very plain: probably young.

~~93~~¹⁰⁰ 5/4 Anna's Hum. Just built: bird on
nest. 15 ft up in cypress W. of garden
fence. almost same place as #48.
5/8 2 fresh eggs. Mother green ^{431/2/2} no red on throat

~~94~~¹⁰¹ 5/4 Ruf. Hum. 2 fully fledged. 10 ft.
up over road to back alley, on cypress.

~~95~~¹⁰² 5/4 West. Fly. 4 large eggs unev-
erly & profusely marked, nearly hat-
ched & 1 runt very small, added.
Hm on nest: in hollow of oak @ N.
of croquet. This hollow is 1/2 ft from
old hollow & I passed it & didn't see
nest, 4/20 & 4/28. ^{72/195} (SEE #193)

~~96~~¹⁰³ 5/4 Cal. Towhee. Close settor. N.
end of oak on Smith's hm yard fence.
Far out on horiz. limb 20 ft. up, & I
didn't care to risk the climb.

~~97~~¹⁰⁴ 5/4 S. Towhee, just built. 12 ft. up
in briars & branches of hither quail

1895
branches down. Over path between
big lawn & Rose ave. patch. Left it.

⁹³~~87~~ 4/28 W. Chip. Spar. just built.
12ft up in long horizontal pine limb
S.E. cor. carrot patch. Hooked end
of limb down with stick ^{no} went
hand-across-hand until reached nest.
Found by Billy J. Climbed up rake
& put eggs in mouth 5/4 ^{m/4/95}

⁷⁴~~88~~ 4/28 Ark. Goldf. old nest. 8ft. up
in oak near middle line of big lawn &
road.

⁹⁵~~88~~ 4/28 Same. old. 10ft up in oak by study.

⁹⁶~~89~~ 5/1 Cal. Towhee. 4 eggs highly incu-
bated. Took 1. 8ft. up in thick branch of
^{2d} oak N. of fallen oak on N. fence of pasture.

⁹⁷~~90~~ 5/1 W. Chip. Spar. just built 11ft.
in slender pendile limb of oak near
back road in same field as #896. 5/4 blood on
box on wheelbarrow. Bird on nest. 4, incub. begun ^{m/4/95}

⁹⁸~~91~~ 6/1 Plain Tit? Few straws sticking
from hole in oak S.W. cor. barn

See #145.

⁸³₈₉) 4/28 Eng. Spar. 41 young. Left several sets eggs & unfinished nest in ivy clad stump in Ed's garden. Other nests too high for ladder. Generally 4, sometimes 5 young in one nest, occasionally 3 & 1 case 2 & another case 1.

⁸⁴₉₀) 4/28 Eng. Spar. 5 young. W. side of sum. house.

⁸⁵₉₁) 4/28 Plain Titmouse 5 or 6 young fully fledged. put step ladder on a fan of windmill, top of wood pile back Engine house & Paul steadied it. A stub, open above, had a small cavity running in 2 feet which I never knew existed. Saw bird enter with grub. Heard bird singing long ago but couldn't locate nest. Eggs probably laid 1st 1/2 of Mar. Billy J. says 4/20 he saw bird go in last year.

⁸⁶₉₂) 4/28 C. B. Tit. just built. Just able to reach it by standing on top of step ladder, & pulling small

1895
Tennis court. ~~n/65~~

~~#6~~ ⁸² 4/29 House Finch. 4 incubation com-
menced. 10 ft up in pine, over walk, op-
posite big magnolia. ~~n/495~~

~~77~~ ⁸³ 4/29 Hummer. ~~I~~ I recollect, Anna's. Old
nest partly worn away, on twig of oak ~~n~~ S. of
lone cypress opp. tennis, ~~2 ft. fr~~ nest
2 ft. from cypress. This is where I looked
so long to find nest last year & c bird's actions.

~~78~~ ⁸⁴ 4/28 Park. Wren. Eggs & bird identity.
10 ft up in sawed-off limb. oak by ash
pit. Pulled piece of rim off of hol-
low & saw 5 eggs & put it back. 5/4 1
egg about on edge of hollow. 6 in nest: incub begun. ~~1795~~

~~79~~ ⁸⁵ 4/28 House Finch. 3 eggs. Palm
near #37. 5/4 5 eggs embryos forming ~~n/595~~

~~80~~ ⁸⁶ 4/28 House Finch 3 eggs. Palm
near #37. #37-79-80 had 3 eggs each today.
5/4 embryos forming ~~n/595~~

~~81~~ ⁸⁷ Eng. Spar. 4/28 built. palm by kitchen window

~~82~~ ⁸⁸ " " 20 ft, in oak n. of Wm's house. Pulled
nest down with wire on pole & 5 eggs,
all ok. gave to Billy &.

rotten willow stub. Hard tussle
to get up, assisted by W.; broke open
further side of stub & found lots
black ants & 1 egg buried in ^{the} mass
& sort of a wadded composition.
Fresh. Smaller & less pointed than
C. B. Tit. on left side of path across
ditch. 11/95

~~71~~ 4/20 Cliff Swallows building in
1893 & 1894 nest on stable.

~~72~~ 4/21 G. B. Heron. Wheeler gave
me set of 3 almost hatched & went
to-day with Ward & he got 5 sets
from poison oak tree #~~85~~ 72 about 11 sets.

~~73~~ 4/27 Ark. Goldf. 4 fresh. 8 ft. up
in oak next limb to #46. 21/4/95

~~74~~ 4/27 al.? Hum. ~~building~~. Same place
as 1894, probably same pair. 18 ft. upon
cypress over back road near inside
cattle gate. appears young just left.

~~75~~ 4/29 Cal. Bush Tit. 6 fresh. 9 ft.
from ground, E. side of oak N.W. of

1895

Taylor didn't want to go up thro' poison oak 1894, but 1 or 2 in trees that he did climb. W. & I failed to ascend Ward's tree & I got 30 ft. up 2d. mentioned, but didn't like to test the dead p. oak. Herons were very tame. One remained the whole time. Didn't go to the 32 nest tree which was full of nests.

⁷³66) 4/21 at Hall's, on road leading to main road, in cypress in front of a House, Brew. B.b. 1 egg which we left.

⁷⁴67) Brew. b.b. forgot to mention before nest 25 ft. up in same tree as #60 & #61. Didn't go up a/c slender limbs.

⁷⁵68) 4/20 same place as 1894 Cal. Shrike only 25 ft up in weep. willow. Scared off bird. Didn't like looks of limbs.

69) Sev. Brew. B.b. in same trees.

⁷⁶70) Cal. Chickadee. 10 ft up in

feathers, some $\frac{1}{2}$ in. long.

66) 4/21 at Hall's. Tree Swallow skinning over ploughed field & grabbing straws for nest near path by stream.

67) Another at end of a 20 ft. long, dead stub on a sycamore, at angle 80° .

68) Dove in crotch of willow: edge of swamp on way from stream to blackbird express. Saw birds fly from it but didn't go up.

69) 70) Warblers? Last year's nests about 10 ft. up on small twigs of 15 ft. high willows, nearer stream than #63. Prob. ^{nest.} ~~Am.~~ Goldf.

64) 71) Warbler or ^{nest} Goldfinch. 10 ft. up, against big tree trunk & supported by poison oak vines, a short way from stream on left side of patch into swamp.

65) G. B. Heron 9 nests in big tree that ward climbed when Wheeler was with him 1894. 1 in nest, skin tree. Lots more where

1895.
55 & 56) 4/21 at Hall's. Brew. B.b. fresh
sets of 4 & 5. Both Wheeler & I wanted
#54 so tossed up for it against these
& Devon. Same tree.

57 & 58) 4/21 at Hall's. Brew. B.b.
Same 1 & 2 eggs which we left

59) 4/21 at Hall's. Brew. B.b. 1 egg
25 ft up in weep. willow back of
Chinaman's shanty. Left it.

60) 4/21 at Hall's. old? Bullocks Oriole next willow
15 ft up, on a hanging branch of limbs.

61) 4/21 at Hall's. H. Finch 1 fresh egg; left
5 ft. below #60. much Spanish moss.

62) 2 old Brew. B.b. in Cottonwood near

63) 2 old " " " " " first cypress.

64) 2 " " " " " another "

65) 4/21 at Hall's. A colony of Cliff
Swallows in a straw shed. Several
building & already built on raf-
ters inside which is unusual.
Wheeler felt in 2 or 3 & pulled 1 off
which was lined with a mass
of hair & chiefly G. B. Heron's

patch n. of owl oak. Probably sequel to
n/3 I took 1894.

50) 4/20 Al. Hum. 2, embryos forming.
15 ft. up over road entering iron gate.
on bottom limb of right hand cypress.
Nest attached ~~to~~ seed cones & branch
that was dead, having fallen from
above & lodged horizontally in twigs
of this branch. Nest branch removed
by W. J. & handed to me: slender
as a pencil. *Al. n/2 '95* Downy chicken feather.

51) 4/20 Park. Wren. Lay on grass
- SEE #185 -
& in few moments bird carried a
stick from steps among banksia
rose on tank to box under platform.
- incub. begun -
4/28 Lifted board & saw 4 eggs. 5/3 1 egg 5/4 took bal. *1/5 '95*

52) 4/20 Eng. Spar. 4 fresh: palm by
library. Gave to Billy J.

53) 4/20 Same. just built. N. side
engine house. Billy J. stood on my
shoulders & tore it down.

54) 4/20 at Hall's. Brew. B.b. 5 fresh
& look much like Grosbeak. Cypress
where I got few sets last year. *1/5 '95*

1895

44) 4/20 Cal. Towhee. 4 fresh. 18 feet up in tree, #41. Billy J. light enough to reach it, far out & I relieved him on next branch. ^{So williamus 7/21/96} Mother sat close. 2/4, 95

45) 4/20 Cal. Towhee 30 ft. over croquet in oak on n. Threw ball up & flushed bird. Allowed to hatch, a/c height.

46) 4/18 H. Finch building 9 ft. from ground in oak over path from stable to shell road. Billy poked it down.

47) 4/14 Anna's? Hum. Last years 18 feet over s. end croquet, in cypress, perhaps entered in 1894, as old.

48) 4/20 H. Hum. just built. Lined wth. small birds' soft feathers: on small bunch of seed cones on a slender, dead branch, 9 ft. up on cypress, (s. side) fading oak to left on entering garden. small gate, 4/23 6:20 p.m. Good look at her, reluctant to leave & dated 1899. H. 2/2 95

49) 4/20. Sam. Song Spar. Old, 7 ft. up in tall clump of briars in middle of patch N. of owl oak. Probably sequel to

36) 4/13 Eng. Spar. oak n. of stable.

4/28 poked out pin-feathered birds.

37) 4/20 H. Finch. Palm s.e. of summer house.
Just built. 4/28 3 eggs. 5/4 embryos formed.
large, unspotted. ~~n/3.95~~

38) 4/20 H. Finch. Almost finished. Palm
on lawn betw. magnolia & ivy fence. 4/28
5 eggs. Broke 1. incubation begun. ~~n/4.5-106~~ ~~4/25/97~~

39) 4/20 Eng. Spar. 5 fresh. above tree. ~~1/5.95~~

40) 4/20 " " palm. by gard. gate. Bird
flew out on shaking tree. Too high & slender for tree.

41) 4/20 C. B. Tit. no nest there 4/14 &
this nest appears built in a hurry. 1 egg.
4 1/2 ft. in hanging branches of oak over
long barriers. Probably bird had pressed
apc either nest #34 or #35, destroyed.
4/27 found it stolen.

42) 4/20 S. Towhee. 4 fresh. 1 fairly up
to average size: 3 small. Mother flushed
while looking at Hummer #33. Un-
der branches trailing on ground. ~~SEE #146 & 316~~ ~~n/4.95~~

43) 4/20 ^{quail?} A hollow scratched in similar po-
sition 3 ft. distant. Never used.

1895.

30) 4/13 Ark. Goldf. 2 ft up in large-leaved
pitrus porum by garden gate. Was raining
& threw a stick at it & bird perched
over edge. 4/14 step ladder rake: 3 fresh
eggs which I stepped on ^{nest} looking at #31.

31) H. Finch. 4/13 end of cypress limb
20 ft. up. cypress on garden fence opp.
Eastern oak. 4/20 stood on fence & built f.
bent limb from above. 4, embryos forming ^{2/4.95}

32) 4/13 Allens Hummer. 15 ft. up on a
bunch of seeds, over shell road of cy-
press S.W. of larger redwood. 1 young
bird fully fledged flew out.

33) Al. Hum. 4/14 2 fully fledged: 10
ft up. cypress (southernmost) of group
S. of bowl. alley. 4/20 both sitting on rim.

34) 4/14 ^{Cal. Bush Tit} **Nest** only. found on ground
below #35, with live oak twigs to it.
Looks like kids.

35) 4/14 Cal. Bush Tit. Part of nest, 12
ft up. S. end of lesser owl oak 4/20
nothing added: appears rifled.

branch back of house on Moses
Ranch.

26) 4/7 B. Oriole. -? oak across creek
on Moses Ranch. 20 ft up. 1894?

27) 4/7 Same: oak over creek. " ?

28) 4/7 Moses Ranch. Prob. Jays: few
sticks 30 ft up in oak across creek
from park house. Birds in tree.

28) 4/7 Moses Ranch. Redtail. 45 ft
up on end of a 45° upward-slop-
ing branch of -? oak by sulphur
spring. Saw no bird on it. This
was found by Wheeler 2 weeks ago.

29) 4/81 West. M. Lark. 4 fresh &
nest. Found 4/9 by Perry Fox on mail
trip, foot Garfield ave. Said he'd leave
them if were 5 & wait for 6, but bird
evidently deserted it. Had them in
grass under a sign "No trespassing"
& left me a postal in afternoon &
looked that day ^{4/11} under wrong sign
& saw him this morn. for information

5016 N
95 4

1895

broke & covered him with foliage
while I hung by hands on 2 others.
Empty, want 4/13 to get it - gone.

18) 4/6 C. B. Tit 7 incubation begun ^{Eggs marked 6/95 up to end of 7/95}
15 ft. up in bushy med.- sized oak opp. ^(6 eggs n. to Johnson 123/96)
^{1st case of defecting bird on nest.}
Birdminders in pasture. **6/95** Kept nest.

19) C. B. Tit. Just built 4/6. 10 ft up
in med.- sized thick oak opp. Eds in
pasture. 4/20 found it demolished.

20) 4/6 C. B. Tit. Just built. 10 ft up
in 1 of 2 small oak N. W. of hen yard.
4/20 2 Shelly kids took it & eggs.

~~21) 4/6 C. B. Tit. 10 ft up on E. side
of big oak N. of shell road where forks
lead to garden & stable. 4/14 empty. 4/20
stood on dump cart. 5 fresh **7/5/95**~~

22) 4/7 C. B. Tit. 7 fresh. 10 ft up
in oak on creek at Moses Ranch. ^{N. #10 to Maillard 5/28/95}
Gave nest to Mrs. M. **7/95** Bird flushed.

23) 4/7 C. B. Tit 6 too highly incubated
to blow 10 ft up in oak along creek
on Moses Ranch. ^{Bird flushed}
Gave nest to Mrs. M.

24) 4/7 Nest. Fly? more probably Ho.
Flick 10 ft up in oak over work
bench back of house on Moses

Same place as set in 1893. 4/6 well built up.
4/13 finished. 4/20 3 eggs. 4/23 5 eggs 481 5/95

- 12) 3/31 W. Chap. Spar. last year's nest
on road by garden gate; - fallen from one
of pines on either side.
- 13) 3/31 Same. fallen in flower bed by
Eastern oak n. of big magnolia.
- 14) 3/31 Eng. Spar. this year's. Fallen
from palm by garden gate.
- 15) 3/31 Annas. Hummer. 1894 nest
15ft. up on twigs of oak back rms house.
Billy says he knew it last year. Shrivelled
almost to nothing. Birds present.
- 16) 4/4 Cal. Screech owl. 5 fresh
eggs. Bird on nest, containing feathers
of few small birds they'd eaten.
3 boys climbed for it & gave me eggs
for some eastern eggs. (Hamilton)
25ft. up in oak stub (top hollow) on Pearl
St. 373 C 1/595
- 17) 4/6 C. B. Tit. 10ft up in oak opp. Smith's
in pasture. Got Billy J. to climb & he didn't
reach it so I got above to bend branch
down the one under me

1895.

5) 3/3 (old) C. B. Tit. small, shriv-
elled black nest 9 ft. from ground
in oak near S. E. cor. of pasture.

6) 3/3 Cal. Jay. partly constructed
10 ft. up where 2 small oaks met
branches, in pasture opp. wards.
3/20 shows no signs of being con-
tinued. 4/20 nothing added. Deserted.

7) 3/3 (old) Cal. Towhee. 1 in
top of 1 of 2 small oaks N. W. of hen
yard & other in oak nearer cy-
presses on N. W.

9) 3/3 (old.) Sp. Towhee. Rather
compact 8 ft from ground in N.
briars near N. E. corner of further
quail oak.

10) 3/27 C. B. Tit. just built: 5 1/2 up
in oak over garden fence honeysuckle.
Seems deserted took 2 eggs 4/13. & nest.

Think Billy G. worked with it. *W/2*

11) 3/31 C. Jay. few sticks laid. Small, briar-
covered oak S. corner of latter quail oak

same place as set in 1893. 4/6 well built up.
4/13 3 eggs. 4/20 3 eggs. 4/27 5 eggs. 5/1 1 egg.

- 1895 -

1.) 12/17? 1894. ~~Cal. Towhee?~~ ^{Cal. Towhee?} in sawed off limb where sprouts had grown & supported nest. Outside row of R. J. Greenings ^{ew} opposite plum tree over ivy hedge. No room left in 1894, so put it in 1895.

2.) 3/3 old nest: probably Cal. Towhee in a clump of poison oak growing 15 ft. from road, on a bare bank, this side Lafayette on Fish Ranch Road. No leaves on these bushes yet.

3.) 2/3 Probably West. Red-tail 20 ft up near top of ^{thick} oak on hill 55 yds. from road outside of Moses Ranch gate. Constructed of sticks ^{and} twigs with dead leaves of white oak. Saw no birds around & threw clods into it. 4/8 empty. Shot revolver into it.

4.) 3/2 Cal. Bush Tit ^{about} ~~just~~ finished 15 ft. up in oak near N. fence of pasture, a little east of ending of briars beginning on reclining oak. 4/14 same condition. 4/27 2 eggs; thought I felt more; ^{n/2} ₂ or would have let nest remain.

1894

INDEX CONTINUED.

West. Wood Pewee 202.

West. Flycatcher 41. 53. 68. 123. 153. 165. 181.
189. 223.

Mourning 135. 136.

Red-shafted Flicker 50. 55.

Great Blue Heron. 25 to 30.

Black-crown. Night " 42. 87 to 96.

Green Heron 119.

American Coot 116 to 118.

Pied-billed Grebe 115.

Doubtful 5. 7. 10. 67. 100. 101. 138.

Cal. Chickadee, in connection with #40.

1894
INDEX

Cal. Bush Tit. 3. 11. 33. 43. 66. 99. 107. 191. 192. 193.

Plain Titmouse. 49.

West. Bluebird 145.

Anna's Hummer 204.

Rufous " 13. 16.

Allan's " 128. 221.

Anna's or Allan's or Rufous Hummer. 52. 208.

Rufous or Allan's Hummer. 8. 14. 15. ~~21~~. 38.
104. 152. 174.

Hutton's Vireo. 218.

Parkmann's Wren 110. 147.

Western Goldfinch 131.

Arkansas " 166. 220. 227. 230.

Marsh Wren 114. 175.

Lazuli Bunting 132.

Yellow Warbler 24. 54. 134. 237.

Long-tailed Chat 146.

Bullock's Oriole 225.

~~Rufous~~^{backed} Thrush 56. 129. 148. 158. 163. 170.
186. 187. 188. 206. 209. 211. ~~212~~. 224.

Samuel's Song Sparrow³¹ 51. 56. 159. 160. 194.

231-232) Spurred Towhee. About Aug.
12th. 3 ~~acceded~~ stale eggs. Nest com-
posed, mostly rotten pieces jute bag for
foundation. other nest 3 ft distant
& nearly as much jute. Both 8 to 10
ft up in smaller oak on E. edge of
oak back 8's hen yard. (SEE # 321-1895)

233-234) 10/7 white hunting quail
found a nest of shells & 1 albino of
Cal. Val. Quail in orchard in
thick weeds near High St & open
space. 1 Albino egg on S. side
of bowl. alley steps in garden bed.

235) 10/1 a dislodged Ho. Finch
nest on lawn by croquet.

236. 10/7 a dislodged Cal. Tow-
hee nest from pine E. side of
Beginning of gravel road leading
from F. W. shell road.

237) 10/31 dislodged nest of Yellow Warbler
S. end of big tanks' gums, for which I looked
so much this spring

Index over.

1894

Threw at it, but no bird flew out; ~~if~~
~~it were an oriole~~ of a bona-fide nest
there were young in it. Saw female!

226) 6/6 Spr. Towhee. 3 highly incub.
eggs, which I left. Under bricks, under
"jays egg" oak.

227) 6/13 Green-b. Goldf. Young. Top
of magnolia on lawn. Young twittering be-
trayed nest, & I saw old birds ~~was~~ feeding
them. Found it 7:05 p. m.

228) 6/15 C. L. reported having 8 eggs
by Billy & Tommy. 8/5 Billy showed me
setting quail which he nearly touched.
under cypress 200ft from F. V. gate, E of road.

229) 6/16 Cliff Swallow. (Discovered
building) Has young. N.E. corner of main
part of stable.

230) about 7/25 Arkansas Goldf. Billy
J. says he found it but young were
hatched & got nest after they had
left it. Elm tree by duck pen.

This space reserved for Fall &
winter found nests. To be added to
index.

a/c small size of eggs & probably pointed tail feathers of) young bird in nest at same time, Cypress on F. T. Road; just able to fly & I caught him twice. Nest is double & appears last year's. Eggs are in nest ~~unmarked~~, but tagged #221 1894.

222) 7/6 Cal. Quail 1 egg, fresh found in nest #161. odd #161/#222 1894

223) 7/6 W. J. b Flyc. 4 finely & curiously marked. Incubation well advanced. 2 1/2 ft. from ground in a gnarl in trunk of cypress next to #153 & 181. Looked previously for this as I knew the third set was laid, by the male's notes. #153, 5/27 brood left nest. #181 6/14 3 eggs, incubation 2 days. 323 ⁴/₉₄

224) Russett-b. Thrush. 7/6 3 eggs fresh 1 is very small. 3 ft up in scant briars, inside of further oak by Smith's fence & over privy walls. Eggs resemble (#129 & #186 laid by 1 pair) but nest doesn't. ⁴/₉₄

225) Bul. Oriole? 20 ft up in thick outside foliage of a big oak in pasture

1894

- 213) 6/29 C. B. T. last years 4ft in dead wood
of cypress on W side F. Y. Road.
- 214) about 6/20 C. B. T. started & abandoned in
guinea tree.
- 215) Eng. Sparrow. N. saw engine house. Prob-
ably brood, but now patched over. 7/1
- 216) 7/1 Same Top of oak over meat safe
Didn't climb.
- 217) 7/1 Old this year's C. B. T. F. side engine h.
- 218) 7/1 Hutton's Vireo, 4 birds about 10
days old. Bird with worm betrayed nest.
8ft up in poplar overhanging clothes yard.
Heard bird singing for 2 mos. & never
thought of looking in so easy a place. Windy
& mother tucked birds under her. 7/25 took N.
- 219) 7/1 C. H. Finch. 4 eggs about hatched
10ft up in pine N. W. end of carrot patch
pelted eggs out.
- 220) 7/1 G.-C. Goldf. 15ft up in cypress
over meadow pasture. 3 or 4 fresh eggs
broken & dried.
- 221) Allen's Hummer 7/4. I call it Allen's

inside side of hither quail oak. 4 ³/₉₄

207) 6/28 ~~Grassquit~~ Eng. Sparrow.
Top of oak N. of elm by garden gate.

208) 6/28 Hummer ~~after~~ over croquet
ground 15ft. Seems bird never laid

209) 6/29 Russet-b. Thrush. 4 eggs embryo-
os formed. back of coal shed in garden.
~~So much as 7/22/96~~
~~Lots dead dry leaves used for foundation~~
~~until one was secured, ^{agreed} proper~~
~~was built on it. 4 ⁴/₉₄~~

210) 6/29 W-C. Sparrow. 3 highly incubated
eggs. 10ft up in cypress over F. Y. road.
Bird set very close. ~~Saved eggs with~~
~~big ragged hole. 2 ¹/₁₀ ¹/₉₄~~ all busted.

211) 6/29 R.-b. Thrush. 4 young week
old cypress on F. Y. Road against a small
large branch near trunk. same tree
as #158.

212) 6/29 C. B. Towhee. 3 highly in-
cubated eggs. Trid 1 & left 2. Found
week ago by Billy J. 4ft. from ground.
in fallen branches of #155.

1894
from kitchen road into garden. Broke
4 a/c lattice giving way. 2406 $\frac{2}{3}$ 294

202) 6/24 W. W. Pewee. Just built.
10ft up in crotch of a rotten apple
tree, about 150 yds from High St. on ^{2nd} out-
side row. Found by Billy G. who ex-
amined nest while I braced the
rotten limb. 6/29 2 eggs. 7/1 3 eggs 7/2
took set. 321 $\frac{3}{4}$

203) 6/27 C. 2. 1 egg: found by Billy G.
in "summer" grass under big tanks.
7/11 took set of 17 The dates show 2 quail laid, ² 5
eggs are buff rough shelled. 12 slightly bloodshot. 17
94

204) 6/27 Anna's (x) less probably Al. or
R. Hummer. 2 young about fledged.
8ft up on N. side of cypress w. of towhee
briars. ^{old} Bird flew from nest as I rode
by on mule. Left nest.

205) 6/28 C. 2. 12 fresh eggs. 1 dented
& 1 buff unspotted. Plenty small feathers
about nest & that & the dented egg showed
a cat had tackled the hen. 12
94

206) 6/28 Russet-backed Thrush.
3 slightly incubated eggs. 8ft. up in briars

ground ^{or} exposed on outside of briars
of hither quail oak. 4 state jay pecked
eggs. Eggs & nest resemble #61.

196) 6/24 C. 2. 32 eggs. 14 in one
nest & 18 in other Corner N.E. of orchard
^{to G. D. M. Scott 7/11/95. who returned them}
in grass under picket fence. The 18
eggs were in a depression 3 inches lower
than the nest containing 14, & only
^{traded 20 eggs 6/22/96 - 12 eggs also}
2 inches away. Found 6/23 by Keller
when hauling hay. 1 set $\frac{14}{32}$ other set $\frac{18}{32}$

197) 6/23 C. 2. Hen sitting on 18 eggs.
near High St. fence where berets had
been pulled up & wild hay cut. 6/24
Something had taken 5 eggs & cracked
the 6th & 7th 12 eggs. ^(1 egg) Added 7 highly incubated

198) 6/24 C. 2. 6 fresh eggs & 3
broken by horse cart. Found by
^{To G. F. Stone 7/14/94}
Allie ~~in~~ where berets were lately
pulled up, near High St. $\frac{6}{94}$

^{199 & 200}
~~198 & 199~~ 6/24 2 odd eggs at dif-
ferent points near # 198. Nearly
white. ~~odd # 199 1894, odd # 200 1894~~

201) 6/24 C. B. Towhee. set of 3 fresh.
banksia rose on lattice over path

thin brown bark ¹⁸⁹⁴ so much used
by this bird in constructing first part
of nest. Placed on the foliage of two
hanging sprigs. Tore it down thinking
at first it was an old nest.

190) 6/17. C. B. Towhee. 2 fresh eggs, found
in oak over Mrs. store room, by Billy
& Tommy. I left them. Kids didn't?

191) 6/14 L. Tit. 15ft up in oak over by
Tennis. Inaccessible without a ladder.

192) 6/17. Same. 15ft in oak over long
berry briars. Tommy climbed for it
5 birds just out & 2 eggs about chipped.

193) 6/17. Same. 20ft. up on end of hor-
izontal limb oak ~~at~~ on corner of path
from stable to shell road.

194) 6/17. Cal. S. Spar. 3 fresh eggs.
3ft. from ground, on a small briar
clump in middle of owl briars N. of
owl oak. Saw bird slide off. #159 was
deserted for this, & #160 was last year's.
Have looked for years for (evidently) this
pair's nest around this clump. ^{23/C} ^{3N}
₉₄

195) Spurred Towhee. 6/17 2ft. from

185) 6/17 C. H. F. Top of cypress opp.
Tennis. 2 eggs slightly incubated 1 fresh.
Nest lined or matted with white weed.
unblown to Wheeler for Arizona eggs.

186) 6/17 Russet-b. Thrush. 4 fresh
^{S.W.} corner of briars of oak back of S's hen
yard. Same pair as #129. Eggs light
& same shade. Both of us flushed bird
& Wheeler found it first but said as
I had told him there would be a nest
in the immediate locality would
allow it to go against Arizona eggs.
Like previous nest, this was built
of leaves & dirt scooped up & of feathers
~~both~~ in construction as much as lining.

187) Same, 6/17. Corner of hither quail
oak near thither one. 7 ft up. Just
completed. Stopped.

188) Same, 6/17. S.E. cor of briar clump
on oak by by tennis, begun: Stopped.

189) 6/17 W. y.-b. Fly. about 1/2 done.
Found while climbing for #185. About
~~finis~~ 1/2 done. Composed of moss &

1894 6/17 to Wheeler for Arizona
nest of shells there last year. ^{eggs. (double)}

149) 6/14 W. Chip. Spar. 1 state egg in
nest deserted by brood. 8ft up projecting
pine branch. Last tree on F. V. road, E.

180) 6/14 Same just built same height
but upheld by branches instead on
needles as in former. same row of
trees, near other end of orchard.
Never laid. Someone took it. 2 weeks after

181) 6/14 W. - y. - b. Flyc. ^{incubation 2 days.} 3 eggs in nest
#153 deserted 5/27 by brood. 6/17 took
set of 3 ^{unfertilized} for Wheeler for Arizona eggs.
SEE #223

182) 6/14 Spurred Towhee 1 state egg
^{egg} broken eggs matted to nest. Under
a briar N. of bowl. alley play house oak.

Old #182 1894

183) 6/14 Black-head. Grosb. top of
oak N. of cypress group N. of cypress
opp. tennis. Shook limb & 2 (only),
fledged birds fluttered down. Gave
to Billy to raise. Died 2 or 3 weeks.

184) 6/14 C. N. F. 20ft up in cypress opp.
one opp. tennis.

4 ft up in ~~briars~~ ~~soot~~ North briars
of 1st oak on Smith's fence.

172) Same. same position in 2^d
tree. Old.

173) Same. 1 addled egg. 9 ft in
E. side of vegetable garden oak.
Nest deep like oriole, probably
from rain & weight of young.

174) 6/8 A. or R. hummer. (2 young)
8/10 thought I saw her on nest but it
was young birds. over shell road 17
ft., cypress N. of rose fence.

175) 6/2. Marsh Wren, between
Diles and Irvington, found by
Wheeler, who broke the fifth egg in
blowing - Incubation advanced - ~~4/3~~ ^{4/3} D.

176) 6/11. 4 eggs. C. B. Towhee. Quince tree
in orchard, rather a flat nest. Hen bird
very tame - eggs heavily marked on
larger end - ~~unblown~~ ^{unblown} 6/17 to Wheeler for Arizona

177) 6/14 C. 2. one white egg in gone -
to seed betts by high St. ~~add 8/17 1894~~

178) 6/14 Same. 18 eggs; blade grass by cypress
opp. 6 jays eggs oak. Hen flushed. Found

1894
163) 5/30 Russet-back Thrush. 4
young 2 days old. in wry top of picket
fence by coal shed in garden.

164) 5/29 C. J. thick oak back of
barn in pasture. Threw clubs: no bird.

165) 5/30 W. y-b. Flyc. built, wood
shed in big tanks: Billy J. monkeyed etc.

166) 5/30 Fern-back. Goldf. nearly
done. Saw female lining it. 5/31. 7
ft from ground W. side of garden

gas house oak. 6/3 ^{182 2N} 3 eggs. 6/6 2 eggs nest deserted &
1 egg probably shaken out by wind.

167) 6/30 Spar. 5/30. Oak by study.
Reached it from garden gas house
oak 4 birds.

168) Same & same tree. Poked eggs
down: nearly hatched.

169) Same & same tree. Didn't feel
like climbing for it.

170) 6/3 R-b. Thrush. 4 fresh incuba-
tion begun. (broke 1 in marking, bad-
ly). 8 ft up in rose bush on fruit room.
Fleshed bird. ^{14 1/2} to M.A. Johnson 8/3/96

171) 6/3 C. B. Towhee. 1 added egg

154) 5/27 Cal. Brown Towhee. Female setting: 10ft ^{Left it -} up in owl oak

155) 5/27 Spurred Towhee. 7ft up on part of a cypress fallen over on F.V. road. 4 young several days old.

156) 5/24 C. W. F. Poked down 5/27 1 egg fresh. Pine 15ft up, by elm by garden.

157) 5/27 C. B. T. empty. cypress, E. side of F.V. road.

158) 5/27 Russet-b. Thrush. Looks as if robbed. Same location as above; about 10ft up near trunk. SEE #211

159) 5/27 Cal. Song S. just built 4ft up on top of briars on E side of quail (w.) oak. Deserted. SEE #194.

160) 5/28 Same. Last years. 3ft up in N.E. corner of owl oak briars.

161) 5/29 Cal. 2. 3 eggs. briars against oak 2ft from #167. 6/9. 13 eggs fresh. ¹³ ⁹⁴ (SEE #222)

¹³ ⁹⁴ ~~Thrush~~ ^{Whewler} for Arizona eggs
162) 5/19 Cal. 2. previously omitted 15 eggs. briars on N. W. corner of oak grove in pasture. 5/30 eggs stolen.

1894

out what they were. I saw a
 pair in orchard on edge of creek.

147) 5/19 W. H. W. Nest in woodpecker
 or excavation 8. 2 av. of bowl. alley.

To Reading 7/1/95

148) 5/22. Russet-backed Thrush. 4 fresh eggs,
 incubation begun.
 Six feet from the ground, in briars on
 oak near Lemis Court. 3 scraps of
~~envelope~~
~~to waste~~ paper used in constructing
~~ing~~ foundation of this nest. $\frac{4}{49.4} N.$

149) 5/23 Cal. L. 15 eggs: bird setting.
 - Hatchid -
 Scared her up, in pasture while driving.

150) Eng. Sparrow 5/27 Just built: tree
 over Wm's. storeroom. Tore it down.

151) Same. 15ft up over road of oak
 W. of locust suckers on left hand turn
 of "in" shell road. Poked it down.

152) A. or R. hummer 10ft up on
 N.W. side of cypress of 3 S. of old
 bowling alley - garden. Young several days.
 Someone took it several days later.

153) 5/27 W. G. B. V. beatcher young
 fully fledged. 10ft up on trunk of
 South tree of group mentioned above.

- 136) 5/20 Same. ^{embryos} near a creek 460 ²/₉₄
- 137) " C. B. Towhee. just built. 10 ft. up
in a willow sappling near creek Young's Ranch
- 138) 5/20 Yellow Warbler or Am. ~~or~~
Goldf. apple tree in young's orchard. just ^{built}
- 139) 5/20 Cliff Swallow. 6 eggs. 15-3 ⁵/₄₋₆ 1894.
Young's Ranch, 1 fresh. 4 half hatched, 1 nearly hatched,
^{which broke.}
- 140) Same. 5 eggs, 2 begun, 1 half hatched, 2 nearly hatched
^{which broke.}
- 141) " 4 " fresh. 15-3 ⁴/₂ 1894.
- 142) " young birds & f eggs.
- 143) " lots nests just built.
- 144) C. H. F. 5/20 Young's Ranch. 15ft
up against willow in a sluggish stream.
Didn't want it.
- 145) 5/20 Cal. Bluebird Young's Ranch
birds just hatched. Lots goose & hen
feathers in nest. 15ft up in a
woodpecker's hole in a rotten
willow limb.
- 146) 5/20 Long-tailed Chat. Wheeler
got set off in thick briars in a
ravine on Young's Ranch. Heard
bird flutter off nest & didn't see
her. Showed me eggs to find

1894

129) 5/19 Russell-backed Thrush
4 eggs. ~~10 ft~~ fresh. 10 ft. up in
bricks & poison oak vine on oak back
Smiths hangard. Saw bird. Eggs
nearly blue. 4 $\frac{4N}{94}$ Nest 1/4 of hen feathers

130) 5/19 C. B. T. 3 eggs. small oak.
by lone oak in brush opp. old house. ^{Left them fresh.}

131) 5/20 Am. Goldf. 5 eggs. fresh to advanced.
3 ft from ground on edge of road to
Walnut Creek; in "white berry" bushes
Saw it from cart. Didnt see bird
but size of eggs ^{+ nest} are identity. 181 $\frac{5N}{94}$

132) 5/20 Laz. Bunt. Youngs Ranch.
4 eggs, shot. 6 ft from ground in creek
bed; sycamore tree. 249 $\frac{4N}{94}$

133) 5/20 C. B. Towhee. just built
wild rose in creek 1 1/2 mi from Youngs.

134) 5/20 Yellow Warbler. 2 eggs with
embros. 12 ft over shallow creek in
elder bush 1 mi. from Youngs. Had
to grab branch with a hooked stick
& 2 eggs fell into creek & broke. 932 $\frac{2N}{94}$

135) 5/20 Mourning Dove. ^{fresh} 8 ft up
mill on Youngs Ranch 460

ground in ivy on oak on lawn. ^{2nd.}

121) 5/15 Eng. Spar. 40ft in oak on lawn near fountain. undisturbed

121) Same. In April, oak by over Wm's. store room. In June got 1 egg.

122) C. H. F. same time & tree. hatched?

123) 5/10 W. J. - b. F. building. cypress by smaller redwood. ^{stopped.} ~~Amolied bird, trying to reach it.~~

124) 5/15 Spurred Towhee. 3 fledglings & 1 added egg: by small redwood, under a briar, few ft. from turkey setting.

125) 5/17 Brew. B. B. heard young birds: breeding in orchard pines for third year.

126) 5/19 C. G. built but not yet lined. oak in pasture opp. between Ware's & Browns. Stopped.

127) 5/19 Spurred Towhee. 4 eggs.

Bird heard me whacking briars & flew up 50ft away. oak grove in pasture. 238^a 2N 2 fresh 2 almost hatched 94

128) 5/19 Al. or R. Hummer building 15ft on hanging branch of cypress n. of grosbeak oak n. of old summer house. 6/3 broke eggs in blowing. N

1894

112) 5/10 G. B. J. top scrub oak where
briars were removed year ago. by
Smith's. Robbed 5/13 by Tommy Gardner

113) 5/10 Same? 30ft up in oak ^{nest} end of
rose fence. Undisturbed.

114) 5/13 near Irvington. Marsh Wren.
2 fresh eggs. $67\frac{2}{94}$ with nest to Prabow
Nov 94

Wheeler got set of 3 fresh. Exam-
ined about 50 nests & no more eggs.
Small gopher snake in one.

115) 5/13 Thick-billed Grebe. mud & weed
nests near shore. Didnt uncover
it.

116) 5/13 near Irvington. Coot 3 fresh $580\frac{3}{94}$

117) " " " " 7 shot " $\frac{7}{94}$

118) " " " " 5 fresh " $\frac{5}{94}$

(all in tiles, last one in water a-
mong scant grass. a boy got 13 but us
wheeler got 3 of 4 to L

119) 5/13 Same place. L. Green Heron.

1 broken egg & cotton near pool &
willows. Some kids had 3 eggs blown
with 2 holes, found in willows.

120) 5/10 C. H. F. just built. 7 ft from

to blow. (S. T. eggs below average size like set of 2 got late last year, same place; probably laid by same bird.) on ground under a small bramble by "playhouse" oak by bowling alley.

238a x 482

106) C. 2. 5/10. grass against apple tree in orchard opp. end of osage fence. Flushed bird off 16 eggs.

5/22. 21 eggs. 21 DC. Barlow 9/4/94

107) 5/10 L. Tit. same tree that was stolen this year. #3. altogether 9 eggs x 2 beneath x 2 more broken.

- 6 to miles 2/18/95 -
nest "7/92"

94/11

5 to 9 S. Va. Pyfer
3/18/95

108) 5/10 C. H. F. cypress over S. E corner of "old" bowling alley garden. 6/3 Poked down 2 birds x 7 dead from rain.

109) 5/10 Eng. Sparrow. N. W. eave of bowl. alley. 5/27 Poked down 4 birds.

110) 5/10 W. Wren. hole S. side bowl. alley. 6/9 Pulled out sticks but no lining in it.

111) 5/10 C. B. T. 10 ft in briars S. E. end of 2 quail briar oaks just built
5/19 4 eggs

240 b 943

1894.

99) Least Tit. 5/6. 10 ft over ground in a pensile sycamore limb. Inaccessible. Large nest.

100) Old either Song Sparrow or warbler 5 ft up in crotch of vine in swamp; shaded by small trees.

101) Same position. Lots of ^{plant} down feathers & moss. Either a started L. Tit (but from position think more probably a warbler)

102) C. H. F. 5/6 between Mt. E. & Alvarado. 10 ft up against gum. 1 E. by

103) C. H. F. 5/8. 5 fresh eggs. oak tree, 8 ft up; on path from road to stage. Save them to Wheeler.

104) ^{5/6} A. ~~or~~ ~~R.~~ Hummer. Watched bird 15 min. I think tail feathers are round. 9 ft up on W. side of flycatcher. ^{To Englehardt 11/8/94} cypress by small red wood. Set is fresh. **R Nest**

105) ^{5/6} Spurred Towhee & C. 2. 2 highly incubated eggs of both birds & 2 egg, fresh of S.T. & 1 too far gone

- 84) " " " 1 nest " built
 85) " " " 1 " old
 86) " " " fledged birds

87) Black-c. n. heron. Swamp at
 Hall's 5/6 2 eggs 1 fresh 1 shot.

495 $\frac{2}{94}$

to miles Apr 13/95

88) Same. 2 eggs. embryos formed ^{little} 495 $\frac{2}{94}$

89) " 3 " " " 495 $\frac{3}{94}$

90) " 3 " to Dean 2/28/95

" " 3 " " medium 495 $\frac{3}{94}$

91) " 3 " to Wheeler 5/7/95

" " 3 " " 495 $\frac{3}{94}$

92) " 3 " to Sowers 11/26/96

" " 3 " bloodshot 495 $\frac{3}{94}$

93) " 3 " to G. N. Davis July 97

" " 3 " embryos forming 495 $\frac{3}{94}$

94) " " to Stone Aug 26/94

" " " fresh to embryos 495 $\frac{4}{94}$

95) " 4 " 495 $\frac{4}{94}$

96) " Showed Wheeler the " ropes"

the got 3 sets of 4 & 2 of 3.

97) Tree Swallow. Hall's 5/6 20ft

up in willow in poison oak vines

group of 3 trees. 2 fresh eggs.

Sawed nest out. Game Duck

& G.-C. heron feathers 155 $\frac{2}{94}$

98) Same. Nest built. 30ft up a

big sycamore. Wheeler went

up with climbers.

1894 \$

72) Brewer's B. B. 5 eggs very small
embryos. 20ft up in weeping willow
Hall's 5/6. 274 $\frac{4}{5}$ '94

73) Same tree 3 fresh: an incomplete set.
274 $\frac{3}{94}$ Nest

74-75) Same tree & tree next to it
B. B. B. 1 nest just built. one too
risky to reach.

76) C. H. F. Road in swamp back
of Hall's. 1 fresh eggs. 8ft up. Left it.

77) Brew. B. B. cypress further
along. 5 eggs nearly hatched.

78) Same, tree same. 3 eggs nearly
hatched. Saved 2 274 $\frac{2}{5}$ '94

79) Same, same tree. 5 eggs, small
embryos 274 $\frac{5}{94}$ to Stone 8/95

80) Same, same tree. 5 eggs, good
sized embryos. 274 $\frac{5}{94}$

81) Same, same tree. 5 eggs. small
embryos. 274 $\frac{5}{94}$ gave to Wheeler

82) Same, same tree 2 fresh eggs
left.

83) " " " 4 eggs 1 bird just out

begun. Top of yew bush by magnolia on lawn. 1700 $\frac{6}{94}$ Nest

65) C. B. T. 4/29 H. incubation advanced. Briars back of Sheldon's barn in brush lot. 2400 $\frac{4}{94}$ to Higbee 4/30/97

66) L. Tit. 4/29 just built: top of scrub oak s. w. corner brush lot. 5/15 - 5 eggs slightly incubated + 1 fresh $\frac{6}{94}$ Nest

67) F 4/29 Few sticks & grass; briars in briars hanging on poison oak, middle of brush lot. Stopped. Calif. or Spurred Towhee.

68) W-7-b.-7: 4/29 building. Cypress by smaller redwood. More probably last year's nest

69) C. L. 4/29 1 egg in egg shell nest of turkey in blade grass in brush lot. Turkey nest

70) C. H. F. near San Lorenzo 5/6 8 ft up in small almond. incomplete set of 3 fresh eggs. 1700 $\frac{3}{94}$ Nest

71) (Hall's 5/6) Cal. Shrike 6 or 7 young about week old. 8 ft in willow, on road to swamp.

1894

57) 4/26 C. H. F. westernmost cypress
N. of rose fence. Limbs being cut,
nest was demolished.

58) 4/26 C. B. J. same as above. 3
birds found which I placed in nest &
~~set~~^{birds} in oak tree. Birds died.

59) 4/23 Brewers b.b. 2 nests in oak
near tule swamp by Green Valley.
One old & one new.

60) C. L. 4/29 9E briars & twiggle
of north oak on S's fence.

to W. H. Osgood 9/4/94 $\frac{20}{94}$

61. Spurred T. 4/29 quail briars under
oak (S. one) 3 ft from ground. 4 fresh.

$\frac{2330}{94}$

62) C. H. F. 4/29 4 eggs. 4 ft from
ground, in cypress opp. tennis.

$\frac{4}{94}$

63 C. B. J. 4/29 just built. 10 ft up
in pensile branches of oak over
long barriers. 5/3 Tommy Gardner
swiped eggs.

64) C. H. F. 4/29 6 eggs incubation

51) Cal. Song Sparrow. ^{to Kardin 4/11/95} 4/23 Green Valley. 4 eggs, incubation far advanced. 6 ft from creek over a slope, (^{nest} 2 1/2 ft from ground) in blackberry vines. 2.2. 4/24 (nest)

52) Al or An. Hum. 4/23 Green Valley 1 egg & 1 bird just out. 2 1/2 ft from creek in pensile blackberry vine. Saw mother.

53) W. - y. b. F. ? nest just finished. rimmed with green moss, & placed on ledge of an alder 10 ft up & on top of blackberry vines that grow across ledge.

54) Yellow-warbler. 4/23 Green Valley. 3 1/2 ft over creek in pensile blackberry. Just finished.

55) Red-shaft. Flick. 2 nests just excavated in alders. ^{Green Valley 4/23}

56) Green Valley 4/23 1 Song Sparrow building. 1 built 3 or 4 old & 4 or 5 old Thrush. All in creek.

45) 4/20. C. H. F. building. Same
tree as #12.

46) Eng. Spar. 4/20 palm by oak opp.
dining room. 5/27 fresh eggs poked down.
Poked another nest down later.

47) Same. 4/21 oak in pasture. Nest
overhangs Central Ave. sidewalk.
4/23 Billy J. poked it down with
my consent.

48) C. Quail 4/22 3 eggs. 4/23 5.
against oak w. of tennis under a small
briar. 4/29 14

20 Traded back 1894
sent to C. N. Davis
July 1894

Traded to Wheeler 1894

49) Plain Titmouse. 6 birds about
fledged. Sawed limb of apple
containing Gairdner's woodpecker
excavation made Dec 93 & looked
@ bottom & saw a 1st nest. Pulled
it out & 6 birds. Set the limb up again.

50) Red-s. Flicker. 4/23 Green
Valley. Flushed mother 1 egg.

odd 1894

38) Al. or Rouf. Hum. Building 3 ft from ground on stem & branch of a briar. Looked 5/6 & nothing there.

39) Tree Swallows Holes in sycamores 2 or 3 trees, & birds flying in rout.

40) Same, in dead stump 25 ft up sycamore & a Cal. Chickadee in same stump. Both building.

41. Hall's H/17 W-J. b. F. building 15 ft up in a groove in a sycamore, ~~hatching~~.

42) Blk Cr. N. Heron 2 eggs & 2 young, found by Taylor, lots old flat nests all in low trees in swamp, but all old.

43) 4/20 L. Tit. 7 eggs. Incubation just begun. 5 1/2 ft up in cypress on lawn N. of rose bed. First one I ever found in such a tree. Bird on outside of nest evidently fixing it. Eggs warm. ~~94/5~~ 94/6

44) C. A. F. 4/20 15 ft up over road cypress W. of ~~low~~ fence W. of garden!

1894

their size & lack Climbing iron.
^{nearest} nest 40 ft further up. ~~22~~ ~~23~~

29) Same. 5 nests 1 sycamore. Easy
if once up to branches. Both of us
tried & failed.

30) Several more trees full of nests:
no time left.

31) Hall's 4/17. ~~Lambert's~~ ^{San Diego's Song} Sparrow.
4 eggs. Incubation begun. 3 ft up in
a briar patch. 23 ^{4N} ~~94~~ ~~nest~~

32) Same. Found by Taylor. 3 eggs
so far incubated to blow.

33) Hall's 4/17 L. Tit: found by Taylor
Eggs highly incubated.

33 + 34) Hall's 4/17 C. N. F. 1st nest
in willow, didn't stop for it. 2d had
1 broken egg in briars on willow.

35) Hall's 4/17 2 new & 1 old nest in
briars, probably Gambels.

36) Hall's 4/17. New nest in oak 8 ft
up. Probably C. N. F.

37) Old, in cotton tree. Grosbeak?

Gal B.

23) Shurred Towhee 4/7 just begun.
4/14 Completed. briars 4 ft from
ground opposite, briar covered small
oak where I got set of 7 eggs, 1893. Prob-
ably same pair that built further
along; 1893; whose nest I found in Jan.
or Feb. (old) 4/20 1st egg. 4/23 4.

1893

2406 ⁴/₉₄

24) Old, Yellow Warbler 2 ovt in oak by hen
yard gate. Found by Billy G. Looked
for this, 1893.

25-26-27) Gt. Blue Heron. set of
2 fresh - set of 3 fresh - set of 2, in-
cubation begun. Taylor got last set
& 1 egg of 3 set, I got 1st set & 1 egg
of 3 set the third egg got lost in
brush. 4/17 back of Hall's Station

28) Gt. Blue Heron. 31 nests in 1
sycamore with plenty of birds.
Taylor climbed 45 ft. up trunk aid-
ed by poison oak which grew no higher.
Couldnt climb any of 3 branches %

1894
preparing to deposit 1st egg or
was putting finishing touches to nest.
visited it 4/15, no birds, seems deserted -
Later - visited it twice more, "

18) 4/14 C. O. S. side of large, ~~dark~~
thick foliated, spreading oak in
pasture. Lining on ground. Found
out later from Pattison boys that
Nelson Smith did it.

19) 4/14 Old C. B. S.? Top of largest oak
by smaller redwood.

20) 4/14 Eng. Sparrow. Pulled out of hole
few feet from ground in pasture by
vines on Sather fence, by Pattison boys.
No eggs.

21) 4/15 Same. Found by Harry Sheldon,
who said got 4 eggs yesterday. Found 1
to-day & gave to Tom Gardner. Nest tree.

22) 4/15 Probably Eng Spar. Started in a
hollow 25 ft up in largest oak near Clare in
pasture. Stopped.

13) 4/8 Rufous Hummer. Young
about able to fly, one fluttered out
& I put it back. Rounded tails. S.E.
corner cypresses s. of tower briars,
7 ft up. Some one took nest ^{2 weeks} later.

14) 4/8 Rufous or Allen's Hummer
20 ft up over shell road, last cypress
on left of exit shell road. Saw bird
on nest. 4/11 young just out.

15) 4/8 Same. 30 ft up over shell road
Cypress opp. triangular prickly
bed. Looked again & couldn't find it.
may have been mistaken at first.

16) 4/14 ~~Hummer~~ ^{To Raine 8/28/94} R. Hummer. 1 fresh egg
8 ft up on S. side of first cypress
of "in" shell road going west from
stable path to said road. Found by Bill
Jenkins. 4/15 took set. ^{nest} mark #16 1894 ^{at}

17) 4/14 C. G. small oak near white
tailed Kite oak in pasture. Bird
flew out as I got into tree. was

1894.
6.) 3/22 Gairdners' woodch. fresh ex-
cavation in dead poplar limb by tank.
found 3 in apples ~~last~~ Oct to Dec inclusive.
40 mentioned in 1893 dates.

7) 3/16 old nest in Mabel's lot, in oak. C.
B. Towhee or C. N. F.

8) 3/26 R. uf. or al. Hummer 15ft up
on middle of limb of cypress N. W. of old
summer house. Apr 1 took nest: eggs too
far incubated to blow. ^{kept 1 egg incubated}

9) 4/1 Eng. Sparrow. 1 egg. S. side garden gas
house. 4/8 took set 5 eggs.

10) 4/8 Chipping Sparrow - Yellow Warbler
or G-b. Goldf. ? 25ft up, outside limbs
of westernmost oak, edge of shell road,
from tennis court. Last seasons.

11) 4/7 found by Billy Jenkins. L. Tit.
young birds: 4ft. from ground, oak outside
of honeysuckle gate. Kids monkeyed with it.

12) 4/7 C. B. ~~Towhee~~ building. N. side of cy-
press, opp. tennis. Stopped.

1894

1) about Mar 10 pair jays building:
cypress near my house. Allie saw them
building & told me. Apr 7 took set 5
partly incubated. mark 1894 $\frac{1}{4}$ but
should be 1894 $\frac{1}{5}$

2) 3/10 Crinsothouse Finch, ^{old} 1893 ⁵ nest.
8 ft high - oak by twin jay oaks by long
berried blackberry brambles.

3) 3/21 Least Tit. 15 ft high in oak
N.W. corner of tennis court. (1 or 2 nests
there last year). 3/23 Some sneak took
it, who came in on the sky.

4) 3/20 Jays building, 6 nest in each
of twin jay oaks by long berried
blackberry brambles. 3/21 added
a little more ^{to it}. 3/22 abandoned.

5) 3/21. old nest in oak, (outside twigs)
(looks like a chipping sparrow.) on line
(^{or yellow warbler}) of barb wire bounding S side of carrot patch.

